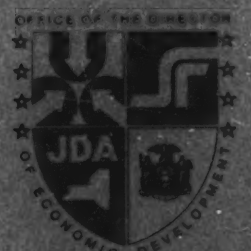
NEW YORK STATE BUSINESS FACT BOOK 1990



Department of Economic Development
Urban Development Corporation
Job Development Authority
Science & Technology Foundation

State of New York, Mario M. Cuomo, Governor
Vincent Tese, Director of Economic Development

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1989 IN NEW YORK STATE

New York, the Empire State, is a national and global focal point as a result of its unique status as a business and financial center, a publishing and communications hub, and a mecca for the fine and the performing arts. The State is such a multifaceted composite, offering a cornucopia of resources and benefits for its business community and its residents, as well as for those who visit the State for business, shopping or sightseeing.

Geographically, the 49,108 square miles of the State run the gamut — from 127 of Atlantic Ocean coastline to 775 miles of shoreline on other major bodies of water including Lake Erie and Lake Ontario. Over 4,000 lakes dot the landscape, including the well known Finger Lakes, Lake Champlain and Lake George. The Hudson River and the Erie Canal leap from the pages of history books to offer not only their majestic beauty but also their commercial utility. Besides the scenic, sporting and vacation benefits of its water resources, the State is blessed with a plentiful supply of water for both industrial and residential use. Environmental safeguards are geared to preserve water quality and other essential resources without unduly restricting industry.

Traveling the length and breadth of the State is a modern, 16,400-mile State highway system, including the New York State Thruway, a 559-mile superhighway stretching from New York City to the Pennsylvania border.

With 4,000 miles of trackage, rail service is another important ingredient in the transportation mix. The State has committed itself to preserving and upgrading this asset, investing over one quarter of a billion dollars over the last decade for both freight and passenger service improvements.

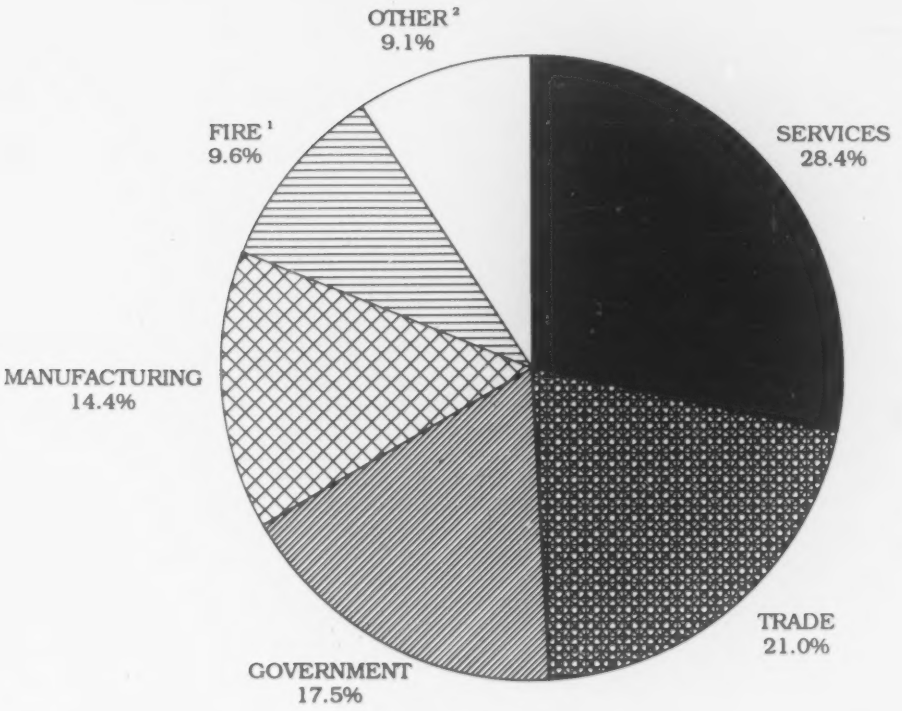
Air service is provided at 495 landing facilities that dot the State — 364 airports, 107 heliports and 21 seaplane sites. Nine international airports are located across the State. John F. Kennedy International Airport, one of the largest air cargo centers in the world, is served by 92 commercial airlines, and handled close to 1.2 million tons of cargo in 1988.

Waterborne commerce has played a vital, historic role in the State's economic development, and in this era of a growing, global economy, the State's ports and inland waterways continue to be an important economic resource. The interstate Port of New York and New Jersey is the largest shipping center in the nation, handling more seaborne and airborne cargoes, both export and import, by value, than any other domestic port. In addition to year-round service at the Port of Albany, the St. Lawrence Seaway, the State's "northern seacoast", and a toll-free, 800-mile Barge Canal System provide vital interstate and intrastate water routes for commerce linking the Atlantic Ocean and the Great Lakes. The State has a total of 33 deepwater ports, 16 of which handle more than 100,000 tons of cargo annually.

One of New York State's most important resources is its large population base of 17.9 million which makes the State the second-most populous in the Nation. New York City alone is home to 7.4 million residents, while other large cities include Buffalo (314,000), Rochester (230,000), Yonkers (183,000) and Syracuse (154,000); the State Capital, Albany, has 95,000 residents. Each of these cities (excluding Yonkers which borders New York City) is at the heart of a metropolitan area which greatly broadens the scope of its population base and markets. About 85 percent of New York State's population resides in urban areas. At the same time, 85 percent of the State's land area is classified as rural, consisting largely of forest and farmland, with realtively low population density.

New York State's economic base is wide-ranging, both because of its size as well as its diversity, encompassing 462,048 business establishments and a labor force of 8,681,000. The nonagricultural work force in the State which totaled 8,265,000 in 1989, is heavily involved in the production of services. The services sector accounts for 28.4 percent of the total, trade, 21.0 percent (retail trade, 15.2 percent and wholesale trade, 5.8 percent); manufacturing, 14.4 percent; finance-insurance-real estate, 9.6 percent; transportation-communications-public utilities, 4.9 percent and construction, 4.1 percent. In addition to the above

PERCENT DISTRIBUTION OF NONAGRICULTURAL EMPLOYMENT BY INDUSTRY NEW YORK STATE 1989



1. FIRE — Finance, Insurance and Real Estate

2. OTHER — Consists of Consturction, Mining, and Transportation, Communication, Public Utilities

SOURCE: N.Y.S. Department of Labor

private-sector groupings, government employment represented 17.5 percent of the total.

The State's service-related sectors have provided the economy with a strong boost in recent years and includes both export and local-market industries. Since many of the State's business-service firms serve national and international markets, they are, in a sense, basic industries with a similar income generating function as manufacturing. Other segments of the service sector, such as personal services and auto repair services, serve primarily local markets and are dependent upon the purchasing power generated by basic or "export" industries.

The trade sectors have also contributed to New York's expanding economy. Retail sales in the State reached an annual level of $122.9 billion in 1989, benefiting from the high levels of personal income of the State's residents, as well as from spending by visitors and tourists.

Although manufacturing employment has undergone attrition over time, it remains a vital component of the State's economic fabric. In 1986, the U.S. Bureau of the Census estimated value added by manufacture in New York State at $73.3 billion, or 7.1 percent of the United States total, a level exceeded by only one other state. A distinguishing feature of manufacturing here is the wide range of products turned out by the factories and plants across the State. Employment is split 55/45 percent between durable and nondurable goods, respectively; the leading manufacturing industries are printing and publishing, electric and electronic equipment, machinery, apparel and instruments. New York City has about 30 percent of the State's manufacturing jobs, but they account for only ten percent of its work force, the lowest such proportion among the State's major labor areas. Among the upstate areas, manufacturing generally provides a much larger share of employment: Binghamton (29.7 percent), Rochester (28.2 percent), Poughkeepsie (25.0 percent), Elmira (21.7 percent), Utica-Rome (19.2 percent) and Buffalo-Niagara Falls (18.6 percent). At the other end of the scale is the Albany-Schenectady-Troy Area (11.0 percent) where government, as well as services and trade, figure prominently in the employment mix.

High-technology industries, which in the State are centered largely in manufacturing operations, comprise a vital and growing sector of the State's economy. The composition of high tech industries in the State differs greatly from the national structure. Here high tech is concentrated in a few industries, and the State ranks among the leading states in high-tech employment in several industry groups: photographic equipment, drug manufacturing, communications equipment and electronic components. In terms of geographic distribution, three regions have particularly high concentrations of high tech: Long Island, the Finger Lakes, and the Hudson Valley. To keep up with the fast-moving advances in technology development, NYSERNET, a state-of-the-art fiber-optics telecommunications system, will pass within a few miles of 80 percent of the State's population linking supercomputers, banks, manufacturing companies, universities and research centers. Technology-based businesses have access to the Supercomputer at Cornell University (one of only five in the Nation), as well as 10 State-funded Centers for Advanced Technology, located at or near leading universities.

As home to Wall Street and the financial network that underpins the banking, securities and related institutions which make New York City an international financial center, the finance-insurance-real estate sector occupies a unique and important niche in the State's economy and one closely associated with it.

Because of the size and broad scope of business activity in New York State, its large population, the high level of per-capita personal income and the State's strategic geographic position, the State is a major producer, marketer and consumer of goods and services. With an estimated gross state product of $363 billion in 1986, the State, if viewed as a sovereign nation, would rank as the world's ninth major economic power. Per-capita personal income in New York State reached $20,540 in 1989, about 17 percent higher than the nationwide average. Total personal income amounted to $368.7 billion, or 8.5 percent of the United States total. In addition to the huge business, industrial and consumer market that New York itself represents, its geographic location is such that within a 750-mile radius of the center of New York State, is the most extensive and affluent consumer market in the Western Hemisphere. For instance, 51 percent of the combined population and the total personal income of the United States and Canada is within this radius, as is 54 percent of the two nations' manufacturing establishments and 57 percent of total value added by manufacture. Additionally, 47 percent of all business establishments in the United States, as well as 50 percent of United States and Canadian wholesale trade and 48 percent of retail trade falls within the area.

New York State is the leading home office center of the Nation's 500 largest industrial corporations. In the 1989 survey conducted by *Fortune* magazine, 59 of these leading manufacturing firms were based in the Empire State, and these firms accounted for almost 22 percent ($469.2 billion) of the group's total sales. Within the State, New York City is the corporate home for 43 of these top 500 firms.

Not to diminish the significance of New York as the chosen address of corporate giants, the fact is that the vast majority (98 percent) of the State's 462,048 business establishments are small. Although each accounts for fewer than 100 employees, collectively they provide 3.3 million jobs, or 50 percent of total private sector employment in the State. More importantly, small businesses have been generating the most new jobs in New York State.

Another facet of the State's business community is the increasing investment by foreign firms. Reflecting this is a recent study by the United States Department of Commerce which showed that employment by foreign-owned, nonbank businesses in New York State climbed to 300,100 in 1987, ranking the state second to California. About six percent of New York's 1.2 million manufacturing employees now work for companies with foreign parents. Foreign direct investment continued strong in New York in 1989, according to reports received by the Department of Economic Development. There were 176 investments totaling over $12.7 billion reported during the year.

The United States and Canada have traditionally been each other's chief trading partners. The Canada-U.S. Free Trade Agreement, a bilateral trade accord between the two nations that eliminates all tariffs on exports by 1998, is likely to boost New York State's economy more than any other state's. Although increased competition from Canadian industries will be experienced by some firms, about 50,000 new jobs could be created here over the next ten years from economic activity generated by the agreement.

Perhaps because of New York State's preeminence in commercial and industrial activity, the size and importance of the state's agricultural sector sometimes goes unnoticed. About 8.4 million acres, or approximately one third of the State, is farm acreage held by approximately 39,000 farms. Cash receipts from sales of agricultural products totaled $2.6 billion in 1988, and livestock, poultry and their products accounted for more than two thirds of this amount. New York is the nation's largest producer of cottage and cream cheeses, the second-largest producer of sweet corn, corn for silage and tart cherries, and the third largest producer of apples, grapes and milk. A large portion of the grapes are turned into wine at the 88 wineries in the State. In fact, New York's average annual output of 30 million gallons of wine makes the State the second-largest producer in the Nation.

Because of the innumerable tourist and vacation attractions the State offers, the State's tourism industry is big business. Preliminary statistics for 1989 indicate that travel expenditures in New York State exceeded $20 billion for the first time, despite a slowdown in the rate of tourism growth. With average annual employment of about 720,000, the travel industry accounts for more than one out of every ten nongovernment jobs in the State and generates a payroll of more than $11 billion. The year witnessed a decline in most measures of travel activity in New York City, except the number of overseas visitors (+5.3 percent) and travel prices. A decline in hotel occupancy rates in the City and on Long Island, offset increases recorded in other regions of the State.

Although New York State continued to enjoy the third-largest volume of travel spending by U.S. travelers, the largest number of visitors from Canada and the second-largest number of visitors from overseas, growth in foreign travel activity was below average during 1989. New York City accounts for the largest volume of travel to the State, but the travel industry is relatively more important to the local economies of many of New York's smaller, nonmetropolitan counties.

LARGE NEW MANUFACTURING PLANTS AND EXPANSIONS UNDER WAY OR COMPLETED IN 1989

Name of Company	Project Site and County	Nature of Expansion
Acro Tool & Die Corp.	Rochester (Monroe)	Addition to plant and office
Albumx, Inc.	Port Chester (Westchester)	New firm in new plant
Alcas Cutlery Corp.	Olean (Cattaraugus)	New plant, office and warehouse
Atlantic Tubing Co.	Chestnut Ridge (Rockland)	New firm in new plant, office, warehouse and laboratory
Axelrod Wood Products, Inc.	Rochester (Monroe)	New plant, office and warehouse
Canadian Pacific Ltd. (AMCA International Ltd./Cherry-Burrell Corp.)	Little Falls (Herkimer)	Addition to plant, office and laboratory
Computer Assembly Systems Ltd. (American Computer Assembly, Inc.)	Ogdensburg (St. Lawrence)	Addition to plant
Conmed Corp.	Utica (Oneida)	Addition to plant, office, warehouse and laboratory
Cookson Group PLC (Cookson America, Inc./Tam Ceramics, Inc.)	Niagara Falls (Niagara)	New plant, office, warehouse and laboratory
James Crean PLC (Freezer Queen Foods, Inc.)	Buffalo (Erie)	New office and headquarters
Crucible Materials Corp. (Crucible Materials Specialty Metals Co.)	Syracuse (Onondaga)	Addition to plant, office and warehouse
Cullman Ventures, Inc. (Keith Clark, Inc.)	Sidney (Delaware)	New plant and warehouse
Paul De Lima Co., Inc.	Cicero (Onondaga)	New plant, office, warehouse and laboratory
Designer Greetings, Inc.	Staten Island (Richmond)	New plant and office
Digicon Graphics, Inc.	West Seneca (Erie)	New plant
E. I. du Pont de Nemours & Co., Inc. (Finishes & Fabricated Products Dept.)	Tonawanda (Erie)	Addition to plant, office and warehouse
F M C Corp. (Peroxygen Chemicals Div.)	Tonawanda (Erie)	Addition to plant and office
Fairbank Reconstruction Corp. (Fairbank Farms)	Ashville (Chautauqua)	New firm in new plant, office and warehouse
Fisons PLC (Fisons Pharmaceutical Co.)	Henrietta (Monroe)	New office and headquarters
Fort Miller Group, Inc. (Fort Miller Co., Inc.)	Easton (Washington)	New plant and office
Fujisawa Pharmaceutical Co. Ltd. (Lyphomed, Inc./Invenex Pharmaceuticals Div.)	Grand Island (Erie)	Addition to plant, office and laboratory
Gannett Co., Inc. (Poughkeepsie Newspapers, Inc.)	Poughkeepsie (Dutchess)	Addition to plant, office and warehouse
Garden Way, Inc. (Garden Way Manufacturing Co., Inc.)	North Troy (Rensselaer)	Addition to plant, office and warehouse
Gemtex Co. Ltd. (Gemtex Abrasives Co.)	Buffalo (Erie)	New firm in new plant
General Electric Co. (G E Major Appliance Group/Production Div.)	Selkirk (Albany)	New branch distribution center
Grant Emblems Ltd. (Voyager Emblems, Inc.)	Sanborn (Niagara)	Addition to plant, office and warehouse
Hardinge Brothers, Inc.	Elmira Heights (Chemung)	Addition to plant
Harlequin Enterprises Ltd. (Harlequin Sales Corp.)	Depew (Erie)	New distribution center
Hudson Valley Tree, Inc.	Newburgh (Orange)	Addition to plant, office, warehouse and headquarters
Ithaca Peripherals, Inc.	Groton (Tompkins)	New plant and office
J G B Enterprises, Inc.	Liverpool (Onondaga)	Addition to plant, office and warehouse
James River Corp. (St. James Paper Co.)	Coxsackie (Greene)	New branch warehouse
K D Manufacturing Co., Inc. (Kelly Wood Products, Inc.)	Watertown (Jefferson)	New firm in new plant
Karp Associates, Inc.	Maspeth (Queens)	Addition to plant and office
Kenrich Corp. (Laribee Wire, Inc.)	Camden (Oneida)	Addition to plant and office
John Labatt Ltd./Brewing Group (Rosetto Foods, Inc.)	Rochester (Monroe)	Addition to plant, office and warehouse

LARGE NEW MANUFACTURING PLANTS AND EXPANSIONS UNDER WAY OR COMPLETED IN 1989 - continued

Name of Company	Project Site and County	Nature of Expansion
Landegger Industries, Inc. (Black Clawson-Kennedy, Inc./Research Technical Center)	Watertown (Jefferson)	New office and laboratory
Light Fabrications, Inc.	Gates (Monroe)	New plant, office and warehouse
Lumex, Inc. (Akros Manufacturing, Inc.)	Johnstown (Fulton)	New plant, office and warehouse
Mark IV Industries, Inc. (Protective Closures Co., Inc.)	Buffalo (Erie)	Addition to plant, office and warehouse
L D Mc Cauley, Inc. (Mc Gard, Inc.)	Orchard Park (Erie)	New plant, office and warehouse
Newtex Industries, Inc.	Victor (Ontario)	Addition to plant and office
North American Filter Corp.	Newark (Wayne)	Addition to plant, office, warehouse and laboratory
Oerus Corp. Ltd. (Oerus Corp.)	Buffalo (Erie)	New plant
Ontario Bus Industries Ltd. (Bus Industries of America, Inc.)	Oriskany (Oneida)	New plant
Opto Electronics Co. Ltd. (Opticon, Inc.)	Orangeburg (Rockland)	Addition to plant, office and warehouse
Ovionic Imaging Systems, Inc.	Henrietta (Monroe)	New firm in new plant, office, laboratory and headquarters
Parker Hannifin Corp. (Refrigeration & Air Conditioning Div.)	Lyons (Wayne)	Addition to plant, office and laboratory
Pepsi-Cola Buffalo Bottling Corp.	Cheektowaga (Erie)	Addition to plant and office
Clifford Pierce, Inc. (Manchester Wood, Inc.)	Granville (Washington)	New firm in new plant
Powertex, Inc.	Rouses Point (Clinton)	New plant
Quad/Graphics, Inc.	Saratoga Springs (Saratoga)	Addition to plant
Raytec Group (Gorbel, Inc.)	Fishers (Ontario)	New plant, office and warehouse
Raytec Group (Retrotech, Inc.)	Fishers (Ontario)	New plant and office
Revlon Group/Charles of the Ritz Group Ltd. (Yves Saint Laurent Parfums Corp.)	Orangeburg (Rockland)	New branch plant, office and warehouse
Servotronics, Inc. (Advanced Technology Group)	Elma (Erie)	New plant, office, laboratory and headquarters
Shop Vac Co. (Felchar Mfg. Corp.)	Kirkwood (Broome)	New warehouse
Siemens AG (Osram Sales Corp.)	Maybrook (Orange)	Addition to plant
Sti-Co Industries, Inc.	Orchard Park (Erie)	New plant, office, warehouse and laboratory
Taiyo Kogyo Corp./Chemical Fabrics Corp. (O C Birdair, Inc.)	Amherst (Erie)	New plant and office
Tessler Textile Co., Inc.	Bohemia (Suffolk)	New plant and office
Tucker Printers, Inc.	Rochester (Monroe)	New plant, office, warehouse and laboratory
Ultra Tool & Plastics, Inc.	Amherst (Erie)	Addition to plant, office and warehouse
Unilever PLC/Unilever United States, Inc. (Pennant Products, Inc.)	Rochester (Monroe)	Addition to plant, office and warehouse
United Biscuits (Holdings) PLC (Keebler Co.)	Oakfield (Genesee)	New warehouse
United Technologies Corp. (Carrier Corp./Carrier Air Conditioning Div.)	DeWitt (Onondaga)	New laboratory
Warner Universal Corp.	Gloversville (Fulton)	New firm in new plant
Wilton Caterers, Inc. (Wilton Frozen Foods)	Spring Valley (Rockland)	Addition to plant and office
Windsor Manufacturing Co., Inc.	Rochester (Monroe)	New plant, office and warehouse
Yamato Corp. (Yamato Scientific Co. Ltd.)	Orangeburg (Rockland)	New firm in new plant, office and headquarters
Zemec Corp. (Pyron Corp.)	Niagara Falls (Niagara)	Addition to plant, office and warehouse

MANUFACTURES, 1986, 1985 and 1984

State or Area	Year	All Employees[1] Total (000)	All Employees[1] Payroll ($ million)	Production Workers Total (000)	Production Workers Hours (million)	Production Workers Wages ($ million)	Value Added by Manufacture ($ million)	Value of Shipments ($ million)	New Capital Expenditures ($ million)
NEW YORK STATE	1986	1,268	32,638	712	1,350	13,778	73,259	138,122	4,631
	1985	1,305	32,455	747	1,403	14,051	73,393	138,217	4,846
	1984	1,347	31,388	794	1,512	13,947	72,361	133,925	4,342
UNITED STATES	1986	18,371	450,806	11,767	23,178	236,599	1,035,821	2,260,315	76,331
	1985	18,788	442,954	12,174	23,720	235,713	999,137	2,278,860	83,035
	1984	19,128	428,365	12,574	24,585	231,784	982,560	2,253,724	75,242
UNITED STATES, EXC. N.Y.S.	1986	17,103	418,168	11,055	21,828	222,821	962,562	2,122,193	71,700
	1985	17,483	410,499	11,427	22,317	221,662	925,744	2,140,643	78,189
	1984	17,780	396,977	11,779	23,073	217,837	910,199	2,119,800	70,899
CALIFORNIA	1986	1,974	52,296	1,148	2,249	23,768	112,968	224,517	8,073
	1985	2,017	51,377	1,193	2,310	23,601	111,366	227,086	9,158
	1984	2,038	48,864	1,231	2,402	23,015	108,373	221,392	8,757
GEORGIA	1986	543	10,941	385	773	6,523	28,764	67,848	2,187
	1985	539	10,247	389	765	6,233	26,972	63,057	2,249
	1984	542	9,690	399	783	6,014	25,041	61,617	2,127
ILLINOIS	1986	989	25,830	600	1,195	12,954	58,621	123,839	3,682
	1985	1,017	25,257	633	1,239	13,016	55,589	124,402	4,069
	1984	1,046	24,916	664	1,298	13,175	55,246	125,791	3,364
INDIANA	1986	575	14,772	403	806	9,213	34,976	75,670	3,228
	1985	587	14,581	412	810	9,166	33,461	76,654	3,142
	1984	609	14,485	430	852	9,188	33,762	76,948	2,628
MASSACHUSETTS	1986	615	15,511	356	702	6,830	33,945	60,983	2,230
	1985	650	15,328	383	740	6,912	32,965	60,610	2,678
	1984	657	14,488	397	773	6,707	31,486	58,644	2,153
MICHIGAN	1986	943	29,582	629	1,306	17,562	56,879	140,574	5,621
	1985	952	29,051	644	1,341	17,513	53,662	134,131	5,719
	1984	944	27,403	638	1,320	16,279	53,069	130,082	4,239
NEW JERSEY	1986	680	17,931	387	761	7,787	37,867	73,085	2,304
	1985	711	17,526	408	794	7,777	36,117	75,554	2,536
	1984	738	17,269	431	844	7,888	36,543	77,745	2,287
NORTH CAROLINA	1986	803	14,979	596	1,176	9,168	42,162	84,935	2,778
	1985	812	14,481	604	1,163	8,794	39,143	81,985	3,221
	1984	828	14,026	627	1,204	8,686	36,682	78,761	3,114
OHIO	1986	1,087	29,803	703	1,417	16,966	66,167	145,539	4,638
	1985	1,115	29,556	726	1,460	17,011	64,157	145,482	5,061
	1984	1,126	28,573	737	1,481	16,525	62,346	141,553	3,980
PENNSYLVANIA	1986	1,042	24,450	679	1,302	13,162	52,089	108,277	3,451
	1985	1,086	24,609	717	1,379	13,453	51,858	110,319	3,988
	1984	1,126	24,423	751	1,449	13,564	51,725	112,401	3,558
TEXAS	1986	907	22,444	543	1,082	10,884	56,073	148,932	4,773
	1985	955	22,722	590	1,167	11,341	55,213	171,543	5,634
	1984	975	22,019	616	1,218	11,236	55,556	175,868	5,607
WISCONSIN	1986	486	11,809	332	654	7,072	28,639	64,130	2,056
	1985	490	11,616	333	650	6,929	27,753	62,837	1,955
	1984	501	11,451	343	665	6,807	27,178	61,998	1,900

1. Includes employment and payroll reported at central administrative offices and auxiliary units.

MANUFACTURES, 1986, 1985 and 1984

Source: United States Bureau of the Census, Annual Survey of Manufactures, 1986, 1985 and 1984.

All Employees is an average of production workers who worked in the pay period nearest the mid-month in March, May, August and November plus all other employees in mid-March. *All Employees* and *Payroll* include persons working at central administrative offices and auxiliary units. *Production Workers* include workers up to the foreman level who make, inspect, store and ship the firm's products, or who do work closely associated with these functions, such as plant maintenance, record keeping and product development. It excludes supervisors above the working foreman level, force-account construction workers, salesmen, deliverymen, and advertising, service, installation, credit, cafeteria, professional, technical and administrative workers. Production workers' *Hours* are all those worked or paid for, including actual overtime hours, but excluding hours of paid vacations, holidays, or sick leave, when the employee was not at the plant. *Wages* are the portion of the payroll paid to production workers. *Value Added by Manufacture* is the value of shipments (including resales), adjusted for the net change in inventory of finished goods and work-in-process, less the cost of materials, supplies, containers, fuels, goods purchased for resale and contract work. *Value of Shipments* is the received or receivable net selling values, after discounts and allowances, excluding freight charges and excise taxes. Much duplication occurs in this figure, however, because the products of many establishments are the materials of others. *New Capital Expenditures* include, for plants operating or under construction, expenditures made during the year for new structures and additions (including major alterations, capitalized repairs and improvements), and for new machinery and equipment or capitalized repairs to old, but do not include expenditures for land or "used" plant and equipment, nor expenditures by owners of loft buildings or other leased plant space, nor the value of plant and equipment used by the manufacturer but owned by another organization, including Federal or Local Governmental agencies.

LEADING INDUSTRIAL STATES

	Population, 1989 Est. (000)	Personal Income 1989 P		Nonagricultural Employment,[1] 1989 (000)	Manufacturing Employment,[1] 1989 (000)	Estimated Motor Vehicle Registrations,[2] 1988 (000)	Cash Receipts from Farm Marketings,[3] 1988 ($000,000)	Electric Power Production by Utilities, [4] 1989 (million KWHR)	Estimated Retail Sales, 1989 ($000,000)
		Total ($000,000)	Per capita (dollars)						
NEW YORK STATE	17,950	368,700	20,540	8,265	1,192	9,838	2,605	130,094	122,881
UNITED STATES	248,239	4,360,919	17,567	108,581	19,612	184,397	151,431	2,778,598	1,733,654
UNITED STATES, EXC. N.Y.S.	230,289	3,992,219	17,336	100,316	18,420	174,559	148,826	2,648,504	1,610,773
CALIFORNIA	29,063	573,704	19,740	12,522	2,159	21,337	16,598	131,900	214,231
GEORGIA	6,436	104,185	16,188	2,945	568	5,196	3,544	92,448	NA
ILLINOIS	11,658	219,837	18,858	5,179	982	7,865	6,461	126,841	79,118
INDIANA	5,593	89,513	16,005	2,467	642	4,169	4,117	88,563	37,308
MASSACHUSETTS	5,913	131,245	22,196	3,115	563	3,818	402	39,154	51,211
MICHIGAN	9,273	164,551	17,745	3,905	968	7,141	2,670	91,518	64,991
NEW JERSEY	7,736	183,833	23,764	3,710	654	5,738	642	41,109	61,288
NORTH CAROLINA	6,571	100,010	15,221	3,068	868	5,023	4,173	87,102	44,218
OHIO	10,907	179,953	16,499	4,817	1,123	8,612	3,629	131,291	70,491
PENNSYLVANIA	12,040	209,750	17,422	5,115	1,050	7,766	3,284	154,790	82,086
TEXAS	16,991	263,071	15,483	6,810	970	12,406	10,281	232,280	114,401
WISCONSIN	4,867	81,560	16,759	2,230	556	3,901	5,048	44,363	34,304

P—preliminary.
1. Data are adjusted to most recent benchmark available.
2. Does not include motorcycles.
3. Does not include government payments.
4. Not including industrial plants contributing to public supply and imports.
NA—Not available.

Source: United States Bureau of the Census; United States Department of Commerce (Bureau of Economic Analysis); United States Bureau of Labor Statistics; New York State Department of Labor; United States Department of Transportation (Federal Highway Administration); United States Department of Agriculture; United States Department of Energy.

CONSTRUCTION CONTRACTS, 1989 and 1988

Area	Total		Nonresidential Buildings		Residential Buildings		Nonbuilding Structures	
	1989 ($000)	1988 ($000)	1989 ($000)	1988 ($000)	1989 ($000)	1988 ($000)	1989 ($000)	1988 ($000)
NEW YORK STATE	15,049,633	13,507,539	5,394,504	5,000,329	5,922,386	5,690,429	3,732,743	2,816,781
DOWNSTATE[1]	8,416,927	7,068,051	3,149,602	2,753,140	2,800,321	2,570,850	2,467,004	1,744,061
NASSAU-SUFFOLK[2]	1,810,059	1,730,225	521,586	503,507	659,018	932,804	629,455	293,914
NEW YORK, N.Y. MSA[3]	6,606,868	5,337,826	2,628,016	2,249,633	2,141,303	1,638,046	1,837,549	1,450,147
UPSTATE[4]	6,632,706	6,439,488	2,244,902	2,247,189	3,122,065	3,119,579	1,265,739	1,072,720
Upstate Metropolitan Areas[5]								
ALBANY-SCHENECTADY-TROY	849,900	932,339	352,107	379,449	388,761	473,127	109,032	79,763
BINGHAMTON	190,542	214,153	71,827	62,058	87,166	109,043	31,549	43,052
BUFFALO-NIAGARA FALLS	1,169,629	1,009,402	380,106	383,745	497,745	436,125	291,778	189,532
ELMIRA	38,401	43,881	20,391	15,267	15,156	13,787	2,854	14,827
GLENS FALLS	234,414	161,002	29,996	35,299	114,160	108,651	90,258	17,052
ORANGE COUNTY	344,082	423,151	121,916	151,738	161,332	227,654	60,834	43,759
POUGHKEEPSIE	200,109	240,075	68,753	39,284	111,456	152,540	19,900	48,251
ROCHESTER	1,034,664	1,045,587	389,279	328,012	479,264	532,514	166,121	185,061
SYRACUSE	593,682	550,578	227,147	207,147	274,709	271,944	91,826	71,487
UTICA-ROME	230,676	229,888	87,633	129,193	92,700	73,968	50,343	26,727

1. New York, N.Y., MSA and Nassau and Suffolk counties.
2. Nassau and Suffolk counties.
3. New York City and Putnam, Rockland and Westchester counties.
4. New York State less Downstate.
5. For metropolitan area definitions, see page 22.

CONSTRUCTION CONTRACTS Source: FW Dodge Division, McGraw-Hill Information Systems Company. Proprietary data provided by special permission.

The value of construction contracts includes not only actual awards, but also the value of certain commitments to build, not covered by contract, as in residential developments. The contracts precede actual construction. Included under *Nonresidential Buildings* are such structures as factories, stores, office buildings, banks, schools, service stations, prisons, churches, warehouses, hospitals and airport buildings. *Residential Buildings* include hotels, motels and dormitories as well as one- and two-family houses and apartment buildings. Under *Nonbuilding Structures* are such heavy engineering projects as streets and highways, bridges, sewers, water-supply systems, airports (but not the buildings) and electric light and power systems.

EMPLOYMENT, 1989 and 1988 (Nonagricultural Establishments)

NEW YORK STATE

Industry	1989 ($000)	1988 ($000)
TOTAL	8,265.0	8,186.2
MANUFACTURING	1,192.4	1,213.0
DURABLE GOODS	650.8	665.5
LUMBER, WOOD PRODUCTS	17.0	16.7
FURNITURE, FIXTURES	22.2	23.1
STONE, CLAY, GLASS PRODUCTS	30.1	30.9
PRIMARY METAL INDUSTRIES	25.1	25.6
FABRICATED METAL PRODUCTS	65.8	66.5
INDUSTRIAL MACHINERY, EQUIP.	129.0	132.5
ELECTRIC, ELECTRONIC EQUIP.	107.2	113.5
TRANSPORTATION EQUIPMENT	65.8	62.6
INSTRUMENTS, RELATED PRODUCTS	143.1	147.7
MISCELLANEOUS MFG.	45.5	46.4
NONDURABLE GOODS	541.5	547.5
FOOD, KINDRED PRODUCTS	73.7	74.9
TEXTILE MILL PRODUCTS	25.2	26.1
APPAREL, OTHER TEXTILE PRODS.	119.1	121.5
PAPER, ALLIED PRODUCTS	42.6	43.3
PRINTING, PUBLISHING	162.6	162.9
CHEMICALS, ALLIED PRODUCTS	60.3	60.9
RUBBER, MISC. PLASTICS PRODUCTS	38.0	36.9
LEATHER, LEATHER PRODUCTS	14.2	15.3
MINING	5.7	6.0
GOVERNMENT	1,446.9	1,433.6
SERVICES	2,346.8	2,268.8

Industry	1989 (000)	1988 (000)
CONTRACT CONSTRUCTION	336.1	337.8
GEN'L. BUILDING CONTRACTORS	77.8	80.2
HEAVY CONSTRUCTION CONTRACTORS	29.5	29.2
SPECIAL TRADE CONTRACTORS	229.6	228.4
TRANSPORTATION, PUBLIC UTILITIES	406.5	412.1
RAILROAD TRANSPORTATION	9.3	9.5
TRUCKING, WAREHOUSING	78.9	76.9
TRANSPORTATION BY AIR	62.1	57.4
COMMUNICATIONS	102.7	116.6
ELECT., GAS, SANITARY SERVICES	59.8	58.6
WHOLESALE, RETAIL TRADE	1,736.0	1,717.6
WHOLESALE TRADE	482.8	483.5
RETAIL TRADE	1,253.2	1,234.1
BUILDING MATERIALS, HARDWARE, GARDEN SUPPLIES	48.7	47.4
GEN'L. MERCHANDISE STORES	156.7	159.7
FOOD STORES	223.7	217.6
AUTO DEALERS, SERV. STATIONS	101.7	101.3
APPAREL, ACCESSORY STORES	102.8	99.7
FURNITURE, HOME FURNISHING, EQUIPMENT STORES	59.1	57.7
EATING, DRINKING PLACES	380.6	373.6
MISC. RETAIL STORES	179.8	177.1
FINANCE, INSURANCE, REAL ESTATE	794.5	797.3
DEPOSITORY INSTITUTIONS	264.4	266.4
SECURITY, COMMODITY BROKERS, SERVICES	155.8	162.9
INSURANCE CARRIERS	125.0	122.2
INSURANCE AGENTS, BROKERS, SERVICE	63.9	62.8
REAL ESTATE, INVESTMENT OFFICES	164.0	161.7

NEW YORK CITY

Industry	1989 (000)	1988 (000)
TOTAL	3,609.3	3,605.0
MANUFACTURING	360.6	370.1
DURABLE GOODS	94.1	97.7
LUMBER, WOOD PRODUCTS	4.0	4.0
FURNITURE, FIXTURES	7.9	8.3
STONE, CLAY, GLASS PRODUCTS	3.6	3.6
PRIMARY METAL INDUSTRIES	2.0	2.3
FABRICATED METAL PRODUCTS	13.8	14.6
INDUSTRIAL MACHINERY, EQUIP.	8.4	8.9
ELECTRIC, ELECTRONIC EQUIP.	16.7	17.7
TRANSPORTATION EQUIPMENT	3.2	3.2
INSTRUMENTS, RELATED PRODS.	7.1	7.2
MISCELLANEOUS MFG.	27.4	27.9
NONDURABLE GOODS	266.5	272.4
FOOD, KINDRED PRODUCTS	18.6	19.5
TEXTILE MILL PRODUCTS	16.3	16.6
APPAREL, OTHER TEXTILE PRODS.	99.8	101.2
PAPER, ALLIED PRODUCTS	10.7	11.3
PRINTING, PUBLISHING	88.9	90.0
CHEMICALS, ALLIED PRODUCTS	18.1	18.8
RUBBER, MISC. PLASTIC PRODS.	6.0	6.4
LEATHER, LEATHER PRODUCTS	6.0	6.6
MINING	0.4	0.5
GOVERNMENT	601.3	596.1
SERVICES	1,149.9	1,123.1

Industry	1989 (000)	1988 (000)
CONTRACT CONSTRUCTION	120.1	120.1
GEN'L. BUILDING CONTRACTORS	23.8	24.8
HEAVY CONSTRUCTION CONTRACTORS	8.5	8.6
SPECIAL TRADE CONTRACTORS	87.7	86.7
TRANSPORTATION, PUBLIC UTILITIES	213.2	218.4
RAILROAD TRANSPORTATION	2.9	3.0
TRUCKING, WAREHOUSING	26.5	25.8
TRANSPORTATION BY AIR	51.3	48.1
COMMUNICATIONS	58.7	66.8
ELECT., GAS, SANITARY SERVICES	23.0	22.8
WHOLESALE, RETAIL TRADE	633.3	634.3
WHOLESALE TRADE	229.4	232.2
RETAIL TRADE	403.9	402.1
BUILDING MATERIALS, HARDWARE, GARDEN SUPPLIES	9.3	9.0
GEN'L. MERCHANDISE STORES	52.2	56.7
FOOD STORES	60.8	59.7
AUTO DEALERS, SERV. STATIONS	17.9	17.5
APPAREL, ACCESSORY STORES	46.0	44.9
FURNITURE, HOME FURNISHING, EQUIPMENT STORES	21.4	20.6
EATING, DRINKING PLACES	133.7	132.3
MISC. RETAIL STORES	62.6	61.5
FINANCE, INSURANCE, REAL ESTATE	530.5	542.4
DEPOSITORY INSTITUTIONS	169.1	174.9
SECURITY, COMMODITY BROKERS, SERVICES	146.1	153.1
INSURANCE CARRIERS	63.6	63.5
INSURANCE AGENTS, BROKERS, SERVICE	28.4	28.8
REAL ESTATE, INVESTMENT OFFICES	114.4	112.8

EMPLOYMENT, 1989 and 1988 (Nonagricultural Establishments) - continued

NASSAU-SUFFOLK LABOR AREA
Nassau and Suffolk counties

Industry	1989 (000)	1988 (000)
TOTAL	1,143.3	1,137.4
CONTRACT CONSTRUCTION AND MINING	58.3	60.5
TRANSPORTATION, PUBLIC UTILITIES	47.8	49.4
WHOLESALE, RETAIL TRADE	303.2	303.5
FINANCE, INSURANCE, REAL ESTATE	83.3	79.1
SERVICES	304.3	292.9
GOVERNMENT	183.9	181.5
MANUFACTURING INDUSTRIES-TOTAL	162.5	170.5
DURABLE GOODS	109.9	117.9
FABRICATED METAL PRODUCTS	12.3	12.9
TRANSPORTATION EQUIPMENT	21.5	24.0
INSTRUMENTS; ELECTRIC, ELECTRONIC EQUIPMENT	51.9	57.3
OTHER DURABLE GOODS	24.2	23.7
NONDURABLE GOODS	52.6	52.7
FOOD, KINDRED PRODUCTS	5.9	5.8
TEXTILE MILL PRODUCTS	1.2	1.4
APPAREL, OTHER TEXTILE PRODUCTS	4.6	4.6
PRINTING, PUBLISHING	20.6	20.4
OTHER NONDURABLE GOODS	20.3	20.5

WESTCHESTER LABOR AREA
Westchester County

Industry	1989 (000)	1988 (000)
TOTAL	409.9	410.3
CONTRACT CONSTRUCTION AND MINING	24.7	26.1
TRANSPORTATION, PUBLIC UTILITIES	19.1	20.3
WHOLESALE, RETAIL TRADE	94.3	96.1
FINANCE, INSURANCE, REAL ESTATE	30.3	29.0
SERVICES	124.8	119.0
GOVERNMENT	57.3	56.9
MANUFACTURING INDUSTRIES-TOTAL	59.4	63.0
DURABLE GOODS	31.5	34.1
FABRICATED METAL PRODUCTS	1.9	2.2
INDUSTRIAL MACHINERY, EQUIPMENT	12.4	13.4
ELECTRIC, ELECTRONIC EQUIPMENT	4.7	4.9
TRANSPORTATION EQUIPMENT	3.4	4.3
INSTRUMENTS, RELATED PRODUCTS	5.1	5.3
OTHER DURABLE GOODS	4.0	4.0
NONDURABLE GOODS	27.9	28.9
FOOD, KINDRED PRODUCTS	9.4	9.8
APPAREL, OTHER TEXTILE PRODUCTS	1.8	2.1
PRINTING, PUBLISHING	8.1	8.3
CHEMICALS, ALLIED PRODUCTS	4.5	4.4
OTHER NONDURABLE GOODS	4.1	4.3

ROCHESTER LABOR AREA
Livingston, Monroe, Ontario, Orleans and Wayne counties

Industry	1989 (000)	1988 (000)
TOTAL	489.4	479.1
CONTRACT CONSTRUCTION	19.1	18.5
TRANSPORTATION, PUBLIC UTILITIES	15.2	14.5
WHOLESALE, RETAIL TRADE	105.2	101.8
FINANCE, INSURANCE, REAL ESTATE	23.0	22.7
SERVICES	121.7	118.5
GOVERNMENT	66.1	66.0
MINING	0.7	0.8
MANUFACTURING INDUSTRIES-TOTAL	138.3	136.3
DURABLE GOODS	109.4	107.5
PRIMARY AND FABRICATED METALS	7.0	6.5
INDUSTRIAL MACHINERY, EQUIPMENT	12.7	NA
ELECTRIC, ELECTRONIC EQUIP.	6.6	NA
INSTRUMENTS, RELATED PRODUCTS	70.1	68.8
OTHER DURABLE GOODS	13.0	NA
NONDURABLE GOODS	28.9	28.8
FOOD, KINDRED PRODUCTS	6.5	6.9
PAPER, ALLIED PRODUCTS	4.4	4.4
PRINTING, PUBLISHING	8.0	7.9
CHEMICALS, ALLIED PRODUCTS	1.8	2.1
OTHER NONDURABLE GOODS	8.2	7.5

SYRACUSE LABOR AREA
Madison, Onondaga and Oswego counties

Industry	1989 (000)	1988 (000)
TOTAL	311.0	304.1
CONTRACT CONSTRUCTION AND MINING	16.3	15.2
TRANSPORTATION, PUBLIC UTILITIES	18.5	18.2
WHOLESALE, RETAIL TRADE	75.2	72.5
FINANCE, INSURANCE, REAL ESTATE	20.0	20.2
SERVICES	75.5	73.1
GOVERNMENT	52.2	51.5
MANUFACTURING INDUSTRIES-TOTAL	53.2	53.4
DURABLE GOODS	34.8	35.3
STONE, CLAY, GLASS PRODUCTS	1.6	1.7
PRIMARY METAL INDUSTRIES	3.9	4.2
FABRICATED METAL PRODUCTS	2.4	2.3
INDUSTRIAL MACHINERY, ELECTRIC EQUIPMENT	13.2	13.0
TRANSPORTATION EQUIPMENT	2.7	3.2
OTHER DURABLE GOODS	11.0	10.9
NONDURABLE GOODS	18.4	18.1
FOOD, KINDRED PRODUCTS	6.4	6.4
PAPER, ALLIED PRODUCTS	2.3	2.2
PRINTING, PUBLISHING	3.9	3.8
OTHER NONDURABLE GOODS	5.8	5.7

BINGHAMTON LABOR AREA
Broome and Tioga counties

Industry	1989 (000)	1988 (000)
TOTAL	121.4	123.0
CONTRACT CONSTRUCTION AND MINING	5.5	5.6
TRANSPORTATION, PUBLIC UTILITIES	4.3	4.3
WHOLESALE, RETAIL TRADE	25.5	25.9
FINANCE, INSURANCE, REAL ESTATE	4.2	4.2
SERVICES	24.6	23.3
GOVERNMENT	21.1	21.0
MANUFACTURING INDUSTRIES-TOTAL	36.1	38.6
DURABLE GOODS	30.2	32.4
PRIMARY, FABRICATED METALS AND INDUSTRIAL MACHINERY	13.4	14.3
OTHER DURABLE GOODS	16.8	18.1
NONDURABLE GOODS	5.9	6.3

ELMIRA LABOR AREA
Chemung County

Industry	1989 (000)	1988 (000)
TOTAL	41.5	40.2
CONTRACT CONSTRUCTION AND MINING	1.7	1.7
TRANSPORTATION, PUBLIC UTILITIES	1.4	1.4
WHOLESALE, RETAIL TRADE	10.7	10.6
FINANCE, INSURANCE, REAL ESTATE	1.4	1.4
SERVICES	10.4	9.9
GOVERNMENT	6.9	6.6
MANUFACTURING INDUSTRIES-TOTAL	9.0	8.5
DURABLE GOODS	7.5	7.0
FABRICATED METAL, INDUSTRIAL MACHINERY, TRANSPORTATION EQUIP.	4.0	3.9
OTHER DURABLE GOODS	3.5	3.1
NONDURABLE GOODS	1.6	1.5

UTICA-ROME LABOR AREA
Herkimer and Oneida counties

Industry	1989 (000)	1988 (000)
TOTAL	127.4	124.4
CONTRACT CONSTRUCTION AND MINING	4.2	4.1
TRANSPORTATION, PUBLIC UTILITIES	4.2	4.3
WHOLESALE, RETAIL TRADE	28.1	27.1
FINANCE, INSURANCE, REAL ESTATE	7.3	7.1
SERVICES	27.8	26.9
GOVERNMENT	31.3	30.2
MANUFACTURING INDUSTRIES-TOTAL	24.5	24.6
DURABLE GOODS	18.3	18.5
PRIMARY METAL INDUSTRIES	3.4	3.4
FABRICATED METAL PRODUCTS	2.4	2.4
MACHINERY, ELECTRONIC, ELECTRIC EQUIPMENT, TRANSP. EQUIP.	4.4	4.4
OTHER DURABLE GOODS	8.1	8.3
NONDURABLE GOODS	6.3	6.1
FOOD, KINDRED PRODUCTS	1.3	1.3
TEXTILE MILL, APPAREL PRODUCTS	1.3	1.4
LEATHER, LEATHER PRODUCTS	1.0	0.9
OTHER NONDURABLE GOODS	2.7	2.5

ALBANY-SCHENECTADY-TROY LABOR AREA
Albany, Greene, Montgomery, Rensselaer, Saratoga and Schenectady counties

Industry	1989 (000)	1988 (000)
TOTAL	427.6	416.4
CONTRACT CONSTRUCTION	20.9	20.7
TRANSPORTATION, PUBLIC UTILITIES	16.8	16.7
WHOLESALE, RETAIL TRADE	92.2	89.4
FINANCE, INSURANCE, REAL ESTATE	24.8	24.1
SERVICES	112.7	105.6
GOVERNMENT	112.7	111.8
MINING	0.5	0.5
MANUFACTURING INDUSTRIES-TOTAL	46.9	47.7
DURABLE GOODS	22.5	22.4
PRIMARY METAL INDUSTRIES		
FABRICATED METAL PRODUCTS	3.4	3.4
MACHINERY, ELECTRONIC, ELECTRIC EQUIPMENT, TRANSP. EQUIP.	12.2	11.9
OTHER DURABLE GOODS	6.9	7.1
NONDURABLE GOODS	24.3	25.3
FOOD, KINDRED PRODUCTS	4.1	4.3
TEXTILE MILL, APPAREL PRODUCTS	2.7	3.3
PAPER, ALLIED PRODUCTS	3.9	3.9
PRINTING, PUBLISHING	6.0	6.0
CHEMICALS, ALLIED PRODUCTS	5.0	5.0
OTHER NONDURABLE GOODS	2.6	2.8

POUGHKEEPSIE LABOR AREA
Dutchess County

Industry	1989 (000)	1988 (000)
TOTAL	120.9	120.1
MANUFACTURING	30.2	30.6
CONTRACT CONSTRUCTION AND MINING	6.7	7.0
TRANSPORTATION, PUBLIC UTILITIES	3.6	3.5
WHOLESALE, RETAIL TRADE	22.4	22.5
FINANCE, INSURANCE, REAL ESTATE	4.9	4.8
SERVICES	28.7	27.6
GOVERNMENT	24.4	24.3

ROCKLAND COUNTY

Industry	1989 (000)	1988 (000)
TOTAL	102.5	100.0
CONTRACT CONSTRUCTION AND MINING	5.1	5.0
TRANSPORTATION, PUBLIC UTILITIES	4.9	4.7
WHOLESALE, RETAIL TRADE	23.8	23.2
FINANCE, INSURANCE, REAL ESTATE	5.4	5.3
SERVICES	27.0	25.5
GOVERNMENT	21.3	21.1
MANUFACTURING INDUSTRIES-TOTAL	15.0	15.3

BUFFALO-NIAGARA FALLS LABOR AREA
Erie and Niagara counties

Industry	1989 (000)	1988 (000)
TOTAL	544.3	529.3
CONTRACT CONSTRUCTION AND MINING	21.6	20.8
TRANSPORTATION, PUBLIC UTILITIES	25.6	25.5
WHOLESALE, RETAIL TRADE	137.1	130.9
FINANCE, INSURANCE, REAL ESTATE	30.3	29.8
SERVICES	140.6	133.1
GOVERNMENT	87.9	87.7
MANUFACTURING INDUSTRIES-TOTAL	101.2	101.5
DURABLE GOODS	62.3	63.0
PRIMARY METAL INDUSTRIES	4.6	4.2
FABRICATED METAL PRODUCTS	10.8	10.5
MACHINERY, EXCEPT ELECTRICAL	9.8	9.6
ELECTRIC, ELECTRONIC EQUIP.	6.3	6.3
TRANSPORTATION EQUIPMENT	17.0	18.1
MISC. MFG. INDUSTRIES	3.2	3.3
OTHER DURABLE GOODS	10.6	11.0
NONDURABLE GOODS	38.9	38.5
FOOD, KINDRED PRODUCTS	8.4	8.7
TEXTILE MILL, APPAREL PRODUCTS	3.3	3.3
PAPER, ALLIED PRODUCTS	3.6	3.3
PRINTING, PUBLISHING	9.8	9.8
CHEMICALS, ALLIED PRODUCTS	7.0	6.9
OTHER NONDURABLE GOODS	6.8	6.5

ORANGE COUNTY LABOR AREA
Orange County

Industry	1989 (000)	1988 (000)
TOTAL	107.8	105.0
CONTRACT CONSTRUCTION AND MINING	5.1	5.6
TRANSPORTATION, PUBLIC UTILITIES	6.5	6.1
WHOLESALE, RETAIL TRADE	29.9	28.5
FINANCE, INSURANCE, REAL ESTATE	4.7	4.5
SERVICES	23.5	22.4
GOVERNMENT	23.4	22.8
MANUFACTURING INDUSTRIES-TOTAL	14.5	15.1
DURABLE GOODS	6.7	7.1
NONDURABLE GOODS	7.9	7.9
PAPER, ALLIED PRODUCTS	1.0	1.0
CHEMICALS, ALLIED PRODUCTS	1.7	2.0
OTHER NONDURABLE GOODS	5.2	4.9

NA-Not Available

EMPLOYMENT *Source:* New York State Department of Labor

Estimates of employment in nonagricultural establishments are made for the State and the larger labor areas. The industries for which estimates are provided individually are the principal ones in each area. The totals do not include the self-employed, the military, farm workers and the employees of international organizations or private households.

Employment covered by unemployment insurance is less inclusive. It excludes not only the groups omitted from nonagriculture employment, but also workers for employers with less than **$300** and those for household workers with less than **$500** in payroll for a calendar quarter, and for interstate railroads and government. Data from this source ordinarily become available six to eight months later than the estimates of nonagricultural employment. However, they provide greater detail by industry than is available from the estimates, and give separate figures for each county—those combined in the multi-county industrial areas of the nonagricultural employment estimates as well as the smaller counties outside these areas. For any industry group, data are withheld in any county, metropolitan area or economic area for which the total might disclose information about a single establishment. In any county or area with only one nondisclosable industry, information has been withheld from a second to prevent subtraction of detail from the total to derive a withheld figure. Data in the table *Business Establishments, **March 1989*** are the reporting units covered by unemployment insurance distributed according to the number of employees per unit. A reporting unit is normally a single place of business, but it may be only part of one when functions in more than one industry, carried on by a firm at one location, are reported as separate units, and it may be several places of business when the branches of a firm, within one county and in the same industry, are reported as one unit.

The classification by industry in both series is that of the **1987** Standard Industrial Classification; employment in central administrative offices, research laboratories and other auxiliary facilities of manufacturing companies is included in the appropriate manufacturing industries; the totals include some duplication because dual job holders are counted twice; and all the figures are as of the place of employment, not the place of the residence.

EMPLOYMENT, 1988 (Covered by Unemployment Insurance)

Area or County	Total	Manufacturing	Construction	Wholesale Trade	Retail Trade	Services	Transportation, Communications, Public Utilities	Finance, Insurance, Real Estate	All Other (incl. unassigned)
NEW YORK STATE	6,701,628	1,214,546	337,044	481,990	1,236,818	2,172,453	401,878	791,491	65,408
NEW YORK CITY	2,953,132	366,386	116,618	219,556	398,994	1,089,487	211,946	535,426	14,720
REST OF STATE	3,748,496	848,160	220,426	262,434	837,824	1,082,966	189,932	256,065	50,688
Metropolitan Statistical Areas[1]									
ALBANY-SCHENECTADY-TROY	294,082	47,419	19,841	18,765	68,814	98,234	14,442	23,725	2,843
BINGHAMTON	100,811	38,732	5,391	5,116	21,199	21,594	4,110	4,097	573
BUFFALO-NIAGARA FALLS	431,837	101,484	19,834	26,634	101,533	126,368	22,906	29,142	3,937
ELMIRA	32,449	8,460	1,635	2,353	8,129	8,959	1,336	1,372	205
GLENS FALLS	39,006	10,518	2,268	1,864	9,348	10,741	1,464	2,167	635
NASSAU-SUFFOLK	944,360	169,573	58,022	80,783	218,250	277,805	49,104	77,964	12,859
NEW YORK, N.Y.	3,396,025	448,119	147,977	252,646	487,195	1,231,335	237,902	570,049	20,804
ORANGE COUNTY	81,315	15,020	5,298	5,671	22,014	21,308	5,913	4,539	1,552
POUGHKEEPSIE	93,556	30,616	6,441	2,436	19,719	24,906	3,468	4,776	1,193
ROCHESTER	406,983	137,344	17,865	19,077	81,059	109,523	14,257	22,497	5,361
SYRACUSE	247,041	53,418	14,517	18,127	52,855	68,158	17,793	20,017	2,156
UTICA-ROME	92,097	24,719	3,933	5,008	21,635	24,940	4,126	7,038	696
Counties									
ALBANY	142,433	14,648	7,672	11,198	31,538	50,492	9,281	16,591	1,257
ALLEGANY	9,752	3,310	413	326	2,173	2,757	375	261	138
BRONX	177,309	19,635	13,294	12,139	32,094	79,878	8,614	10,798	858
BROOME	88,326	31,139	4,950	4,621	19,577	19,726	3,990	3,864	459
CATTARAUGUS	23,556	8,001	670	1,008	5,007	6,791	1,090	716	273
CAYUGA	18,419	4,658	908	975	4,755	5,002	1,163	650	308
CHAUTAUQUA	44,824	15,376	1,584	2,414	10,238	11,122	2,046	1,422	622
CHEMUNG	32,449	8,460	1,635	2,353	8,129	8,959	1,336	1,372	205
CHENANGO	13,735	5,704	548	365	3,208	2,342	662	797	110
CLINTON	22,381	4,571	1,258	936	7,469	5,179	1,680	815	473
COLUMBIA	14,616	3,016	955	669	3,508	4,046	952	673	797
CORTLAND	15,033	5,719	562	341	3,662	3,897	324	435	94
DELAWARE	12,924	5,387	649	308	2,826	2,505	352	657	239
DUTCHESS	93,556	30,616	6,441	2,436	19,719	24,906	3,468	4,776	1,193
ERIE	363,325	77,756	16,630	24,260	84,913	110,074	19,500	27,168	3,023
ESSEX	9,818	1,407	535	369	2,674	3,789	329	340	375
FRANKLIN	9,678	1,536	448	478	2,569	3,882	254	334	179
FULTON	13,455	5,378	584	656	2,826	2,757	778	423	54
GENESEE	17,876	5,264	778	1,268	4,230	4,259	827	609	641
GREENE	9,032	1,166	1,051	207	2,464	2,722	649	530	243
HAMILTON	970	113	122	0	308	373	20	14	19
HERKIMER	13,641	5,652	639	419	3,044	2,859	435	497	[illegible]
JEFFERSON	29,146	5,221	3,494	1,135	8,375	6,981	2,025	1,565	351
KINGS (BROOKLYN)	373,649	70,492	21,945	25,727	70,769	137,556	22,544	21,879	2,735
LEWIS	4,132	1,895	276	208	873	543	110	157	70
LIVINGSTON	12,067	3,351	607	719	3,500	2,659	387	305	541
MADISON	12,791	2,560	676	847	4,026	3,538	359	524	262
MONROE	338,826	115,506	14,238	15,761	63,722	94,957	11,969	20,226	2,448
MONTGOMERY	15,630	6,403	433	852	2,987	3,473	655	699	129
NASSAU	526,521	77,274	27,984	49,273	121,101	166,520	26,704	52,115	5,549
NEW YORK (MANHATTAN)	1,912,341	203,981	40,735	149,459	202,159	722,340	110,966	474,863	7,838
NIAGARA	68,513	23,728	3,204	2,374	16,619	16,294	3,405	1,974	914
ONEIDA	78,456	19,067	3,294	4,589	18,590	22,081	3,691	6,542	602
ONONDAGA	209,623	42,994	12,117	16,491	42,670	60,130	14,993	18,804	1,423
ONTARIO	28,510	7,414	1,840	1,501	7,814	7,200	929	1,095	718
ORANGE	81,315	15,020	5,298	5,671	22,014	21,308	5,913	4,539	1,552
ORLEANS	7,822	2,751	291	416	1,824	1,371	265	357	549
OSWEGO	24,627	7,864	1,724	789	6,159	4,490	2,441	689	471
OTSEGO	15,245	1,978	631	670	4,016	5,920	729	1,159	143
PUTNAM	14,419	1,927	1,758	666	3,784	4,519	657	693	417
QUEENS	426,269	69,231	34,947	30,411	76,172	123,034	65,781	24,031	2,662
RENSSELAER	36,590	6,768	3,050	1,672	8,340	13,498	1,290	1,567	406
RICHMOND	63,563	3,048	5,698	1,820	17,799	26,678	4,041	3,854	625
ROCKLAND	77,846	15,176	4,540	5,928	16,927	24,343	4,614	5,179	1,138
ST. LAWRENCE	24,008	5,684	1,060	852	6,864	7,185	1,060	874	430
SARATOGA	37,471	7,588	3,593	1,328	12,476	9,314	793	1,722	656
SCHENECTADY	52,927	10,847	4,041	3,508	11,009	18,735	1,774	2,616	396
SCHOHARIE	4,781	672	337	255	1,394	1,450	241	263	170
SCHUYLER	3,028	995	193	103	767	796	62	74	39
SENECA	6,722	2,673	403	354	1,497	1,273	204	251	66
STEUBEN	29,270	13,154	756	563	6,031	6,298	1,022	1,108	338
SUFFOLK	417,839	92,298	30,038	31,510	97,149	111,285	22,400	25,849	7,309
SULLIVAN	19,793	727	1,540	1,215	4,272	9,380	1,095	1,198	368
TIOGA	12,486	7,593	441	495	1,621	1,868	121	233	113
TOMPKINS	32,183	4,037	1,497	773	7,454	14,364	1,301	1,653	1,104
ULSTER	48,455	14,158	2,606	1,994	11,176	11,950	2,082	3,047	1,441
WARREN	27,672	5,148	1,456	1,409	7,084	9,114	1,214	1,903	343
WASHINGTON	11,334	5,370	812	455	2,264	1,627	250	264	292
WAYNE	19,758	8,322	889	681	4,200	3,337	708	515	1,107
WESTCHESTER	350,628	64,631	25,061	26,495	67,490	112,986	20,685	28,751	4,530
WYOMING	8,480	3,402	413	303	2,287	1,035	321	396	324
YATES	3,512	672	198	97	914	1,020	286	140	185

1. For metropolitan area definitions, see page 22.

NOTE: Details may not add to totals, due to rounding; the New York State totals include employment which was not assigned to any county; the columns headed "Total" and "All Other" include employment which was not assigned to any industry.

MANUFACTURING EMPLOYMENT, 1988 (Covered by Unemployment Insurance)

Area or County	Food and Kindred Products	Textile Mill Products	Apparel, Other Tex. Products	Lumber, Wood Products	Furniture and Fixtures	Paper and Allied Products	Printing and Publishing	Chemicals, Allied Products	Petroleum and Coal Products	Rubber, Misc. Plastics Products
NEW YORK STATE	74,823	26,051	120,698	17,006	22,991	43,041	162,630	61,077	7,481	37,706
NEW YORK CITY	19,571	16,495	100,365	3,984	8,297	11,232	87,761	18,724	629	6,400
REST OF STATE	55,252	9,556	20,333	13,022	14,694	31,809	74,869	42,353	6,852	31,306
Metropolitan Statistical Areas[1]										
ALBANY-SCHENECTADY-TROY	4,313	1,660	1,607	1,001	478	3,723	5,945	4,946	185	2,237
BINGHAMTON	1,092	*	434	295	*	344	2,003	170	*	516
BUFFALO-NIAGARA FALLS	8,657	561	2,770	983	932	3,317	9,745	6,920	*	5,688
ELMIRA	387	0	*	*	56	389	576	*	*	75
GLENS FALLS	114	*	*	805	*	2,456	481	*	*	234
NASSAU-SUFFOLK	5,833	1,435	4,600	1,839	2,818	5,485	20,191	8,037	262	6,229
NEW YORK, N.Y.	29,741	17,339	102,581	4,559	8,925	12,230	99,953	28,968	1,822	8,672
ORANGE COUNTY	380	766	879	553	511	950	1,385	1,972	*	1,416
POUGHKEEPSIE	161	260	77	250	319	392	1,088	37	798	688
ROCHESTER	6,890	697	1,889	484	657	4,361	7,809	2,403	95	5,204
SYRACUSE	6,429	223	544	845	428	2,069	3,833	1,691	60	*
UTICA-ROME	1,247	857	*	486	1,019	617	1,349	260	*	240
Counties										
ALBANY	2,007	802	153	182	291	974	2,929	884	*	628
ALLEGANY	517	0	*	102	*	0	49	*	0	*
BRONX	2,169	*	3,865	603	686	620	1,126	779	*	*
BROOME	1,052	*	302	57	142	*	1,947	*	13	*
CATTARAUGUS	444	0	0	767	1,724	*	255	*	*	301
CAYUGA	194	7	*	89	*	0	213	*	*	244
CHAUTAUQUA	2,283	0	428	488	1,867	*	771	288	*	119
CHEMUNG	387	0	*	*	56	389	576	*	*	75
CHENANGO	100	77	355	132	0	0	306	1,587	*	*
CLINTON	271	*	42	92	*	1,406	367	1,298	94	405
COLUMBIA	230	*	189	83	*	246	166	80	*	344
CORTLAND	33	*	783	277	*	*	173	24	*	458
DELAWARE	374	0	0	368	233	*	1,276	*	*	*
DUTCHESS	161	260	77	250	319	392	1,088	37	798	688
ERIE	7,648	499	2,620	618	892	2,509	8,689	3,111	262	5,068
ESSEX	*	*	*	211	*	985	99	0	*	*
FRANKLIN	178	0	*	209	0	0	98	0	*	*
FULTON	*	914	94	105	*	*	216	203	0	*
GENESEE	649	0	137	*	*	114	505	26	0	369
GREENE	*	*	56	57	*	0	69	*	*	22
HAMILTON	0	0	0	89	*	0	0	0	0	0
HERKIMER	274	435	*	107	189	224	107	*	*	76
JEFFERSON	478	0	119	149	*	1,459	322	106	*	0
KINGS (BROOKLYN)	7,279	7,819	15,778	1,610	4,178	3,305	4,284	2,745	*	2,938
LEWIS	*	0	*	74	*	881	192	0	0	0
LIVINGSTON	885	0	*	*	*	*	381	*	0	*
MADISON	191	*	*	86	*	102	165	*	0	704
MONROE	3,859	568	1,235	243	421	1,819	6,716	1,665	94	2,349
MONTGOMERY	1,365	554	373	13	63	367	761	*	*	309
NASSAU	1,857	700	2,096	817	1,401	2,987	9,270	2,743	70	2,536
NEW YORK (MANHATTAN)	2,951	2,900	67,820	459	1,517	2,906	77,131	12,782	523	464
NIAGARA	1,009	62	150	366	40	808	1,057	3,809	*	620
ONEIDA	973	422	454	379	850	393	1,242	*	59	164
ONONDAGA	3,635	124	510	295	*	766	3,234	1,674	38	2,530
ONTARIO	833	*	244	*	*	325	370	451	0	1,410
ORANGE	380	766	879	553	511	950	1,385	1,972	*	1,416
ORLEANS	378	*	*	11	0	*	157	*	0	*
OSWEGO	2,603	*	*	465	0	1,201	434	0	*	*
OTSEGO	168	0	135	202	*	172	223	*	*	331
PUTNAM	*	0	*	15	0	0	923	*	*	137
QUEENS	7,038	5,355	12,452	1,284	1,897	4,322	4,593	1,555	60	1,739
RENSSELAER	*	95	639	383	0	345	884	1,762	*	489
RICHMOND	135	*	450	28	19	79	628	864	0	*
ROCKLAND	*	584	*	51	*	243	1,187	5,748	13	689
ST. LAWRENCE	563	*	*	185	*	791	420	*	*	*
SARATOGA	403	187	313	77	*	1,809	672	1,573	0	183
SCHENECTADY	815	*	74	290	*	*	630	449	*	606
SCHOHARIE	*	*	0	101	*	0	74	*	0	128
SCHUYLER	37	0	0	120	*	0	18	*	*	0
SENECA	108	*	0	203	*	0	65	*	0	0
STEUBEN	1,293	*	*	286	957	*	256	0	*	0
SUFFOLK	3,976	735	2,504	1,021	1,418	2,498	10,921	5,294	192	3,692
SULLIVAN	111	0	*	119	39	*	117	*	*	0
TIOGA	40	0	132	238	*	0	56	*	*	0
TOMPKINS	143	0	*	63	0	0	780	*	*	*
ULSTER	424	34	414	150	139	172	756	*	*	*
WARREN	86	*	431	574	*	1,174	432	*	*	71
WASHINGTON	28	*	*	231	284	1,282	49	*	*	163
WAYNE	1,434	*	*	171	133	2,105	185	52	*	1,223
WESTCHESTER	9,750	290	2,057	510	473	*	10,083	*	1,258	1,446
WYOMING	251	*	*	185	*	*	42	*	0	*
YATES	199	0	0	*	*	0	*	*	0	0

MANUFACTURING EMPLOYMENT, 1988 (Covered by Unemployment Insurance)

Area or County	Leather, Leather Products	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery (except electrical)	Electric, Electronic Machinery	Transportation Equipment	Instruments, Related Products	Miscellaneous	Other
NEW YORK STATE	15,554	30,115	25,441	66,223	133,205	112,746	62,189	148,130	46,072	1,367
NEW YORK CITY	6,791	3,576	2,285	14,663	8,884	17,666	3,165	6,868	27,664	1,367
REST OF STATE	8,763	26,539	23,156	51,560	124,321	95,080	59,024	141,262	18,408	0
Metropolitan Statistical Areas[1]										
ALBANY-SCHENECTADY-TROY	382	3,230	1,154	2,281	7,912	2,570	1,368	1,159	1,269	0
BINGHAMTON	*	260	188	*	13,203	7,900	*	8,966	*	3,361
BUFFALO-NIAGARA FALLS	*	3,749	4,130	10,391	9,704	6,334	18,126	5,577	3,318	581
ELMIRA	0	962	*	878	1,703	1,752	1,306	*	*	376
GLENS FALLS	0	536	*	*	830	943	*	2,144	*	1,976
NASSAU-SUFFOLK	319	2,150	1,188	12,951	11,648	25,799	23,860	31,421	3,509	0
NEW YORK, N.Y.	7,358	4,456	4,002	19,086	22,829	23,613	7,547	13,597	29,373	1,367
ORANGE COUNTY	106	753	1,075	1,101	473	1,314	*	359	885	143
POUGHKEEPSIE	*	317	35	417	11,715	13,820	*	146	68	29
ROCHESTER	42	1,372	640	5,872	16,462	10,122	89	69,557	2,700	0
SYRACUSE	*	1,849	4,156	2,329	8,064	4,871	3,123	8,630	949	3,325
UTICA-ROME	937	335	*	2,361	2,521	*	1,274	*	2,201	9,018
Counties										
ALBANY	*	2,317	464	823	627	158	483	493	328	104
ALLEGANY	0	58	*	836	1,073	*	0	0	55	622
BRONX	345	219	158	2,678	1,004	1,435	72	1,030	1,142	1,704
BROOME	*	*	*	1,150	13,176	6,537	0	*	64	6,701
CATTARAUGUS	*	548	0	520	1,811	934	*	0	*	698
CAYUGA	*	510	472	160	856	1,384	*	76	*	455
CHAUTAUQUA	*	826	1,338	2,303	3,003	605	871	*	72	114
CHEMUNG	0	962	*	878	1,703	1,752	1,306	*	*	376
CHENANGO	*	*	*	142	1,105	727	48	591	45	509
CLINTON	*	58	105	*	36	180	*	42	31	144
COLUMBIA	0	57	*	71	246	435	*	16	412	441
CORTLAND	0	91	*	528	2,673	*	*	*	*	679
DELAWARE	0	71	*	*	54	2,353	*	*	0	658
DUTCHESS	*	317	35	417	11,715	13,820	*	146	68	29
ERIE	176	1,880	3,161	8,758	7,944	5,288	10,036	5,354	3,243	0
ESSEX	0	21	0	0	*	0	0	26	7	57
FRANKLIN	*	10	0	*	0	*	7	0	*	1,036
FULTON	2,222	452	0	*	256	*	*	*	130	785
GENESEE	*	1,215	*	444	912	*	413	*	49	432
GREENE	0	296	*	173	15	44	0	*	*	435
HAMILTON	0	0	0	*	*	0	0	0	0	24
HERKIMER	*	17	0	2,019	1,267	*	0	0	154	802
JEFFERSON	0	102	108	*	466	552	1,103	*	*	259
KINGS (BROOKLYN)	1,607	1,584	*	5,271	2,297	3,211	733	536	4,658	659
LEWIS	0	49	0	0	*	0	0	0	*	698
LIVINGSTON	0	270	*	*	176	395	*	0	*	1,443
MADISON	*	63	627	*	79	275	0	*	*	269
MONROE	23	561	398	4,520	13,951	7,804	53	68,585	944	0
MONTGOMERY	318	*	*	250	263	*	*	*	764	1,005
NASSAU	176	628	403	5,759	5,057	8,100	16,142	14,748	1,785	0
NEW YORK (MANHATTAN)	4,099	357	791	1,641	1,058	5,862	258	2,023	17,073	1,367
NIAGARA	*	1,869	969	1,633	1,760	1,045	8,091	223	76	144
ONEIDA	*	318	3,367	342	1,253	641	*	4,358	2,047	1,806
ONONDAGA	0	993	2,386	1,953	7,312	4,582	3,123	8,605	840	394
ONTARIO	0	422	*	321	980	*	16	568	328	1,147
ORANGE	106	753	1,075	1,101	473	1,314	*	359	885	143
ORLEANS	0	38	0	*	232	*	0	*	*	1,934
OSWEGO	0	794	1,143	*	673	15	0	*	*	538
OTSEGO	0	46	*	32	110	328	*	*	103	129
PUTNAM	0	100	*	123	68	68	*	*	8	487
QUEENS	*	1,216	*	4,998	4,489	7,117	1,847	3,273	4,690	1,306
RENSSELAER	0	247	*	409	968	8	*	167	27	345
RICHMOND	*	199	*	75	36	41	255	5	101	133
ROCKLAND	*	305	504	1,970	169	1,253	*	1,268	289	933
ST. LAWRENCE	*	286	2,580	239	14	356	0	36	*	224
SARATOGA	0	*	*	438	347	*	852	221	*	535
SCHENECTADY	*	230	*	189	5,692	1,873	*	69	12	421
SCHOHARIE	0	18	*	*	*	*	0	0	*	351
SCHUYLER	0	*	0	*	*	0	0	0	0	821
SENECA	0	*	*	34	1,646	*	*	*	*	618
STEUBEN	0	5,179	*	647	1,837	994	*	*	34	1,672
SUFFOLK	143	1,522	785	7,192	6,590	17,699	7,718	16,673	1,724	0
SULLIVAN	0	132	*	93	23	13	*	*	*	80
TIOGA	0	*	*	*	28	1,364	*	*	*	5,735
TOMPKINS	0	121	0	87	1,299	109	1,099	287	*	47
ULSTER	75	207	*	949	7,812	1,601	*	279	227	920
WARREN	0	193	0	106	332	123	*	978	*	649
WASHINGTON	0	343	*	0	498	820	0	1,166	110	396
WAYNE	*	81	*	282	1,122	1,108	17	*	56	354
WESTCHESTER	490	476	1,138	2,331	13,708	4,627	4,246	*	1,412	10,336
WYOMING	0	*	*	38	196	1,144	*	*	*	1,545
YATES	0	*	0	11	*	0	*	0	0	461

*Data withheld to avoid disclosure.

1. For metropolitan area definitions, see page 22.

NOTE: The New York State totals include employment which was not assigned to any county; totals and subtotals for specific industries include employment withheld for counties or areas, to avoid disclosure. For counties or areas where employment for some industries is withheld, the amount is combined with employment in establishments not classified in a specific industry in the "Other" column.

BUSINESS ESTABLISHMENTS, MARCH 1989

Area or County	Number of Reporting Units, Covered by Unemployment Insurance, by Employment Size Class											
	All Industries, Including Unclassified				Manufacturing				Construction			
	Total	0-9	10-99	100 or more	Total	0-9	10-99	100 or more	Total	0-9	10-99	100 or more
NEW YORK STATE	462,048	364,334	88,273	9,441	28,931	15,361	11,532	2,038	44,836	37,852	6,676	308
NEW YORK CITY	194,425	155,221	35,227	3,977	14,113	7,662	5,828	623	10,604	8,216	2,241	147
REST OF STATE	267,623	209,113	53,046	5,464	14,818	7,699	5,704	1,415	34,232	29,636	4,435	161
Metropolitan Statistical Areas[1]												
ALBANY-SCHENECTADY-TROY	18,728	13,787	4,476	465	833	392	336	105	2,676	2,248	411	17
BINGHAMTON	4,741	3,333	1,280	128	283	113	124	46	588	463	122	3
BUFFALO-NIAGARA FALLS	24,355	17,478	6,169	708	1,606	705	704	197	2,832	2,392	428	12
ELMIRA	1,811	1,271	484	56	106	38	48	20	181	145	34	2
GLENS FALLS	3,038	2,413	566	59	219	136	56	27	406	358	48	0
NASSAU-SUFFOLK	81,167	66,035	13,827	1,305	4,627	2,593	1,751	283	9,916	8,663	1,213	40
NEW YORK, N.Y.	232,351	186,420	41,309	4,622	15,624	8,489	6,381	754	15,245	12,238	2,834	173
ORANGE COUNTY	6,831	5,374	1,316	141	337	153	147	37	1,141	1,032	108	1
POUGHKEEPSIE	6,002	4,692	1,193	117	222	119	81	22	1,075	939	131	5
ROCHESTER	19,611	14,323	4,738	550	1,348	620	570	158	2,483	2,140	329	14
SYRACUSE	13,777	9,944	3,471	362	768	369	314	85	1,808	1,491	302	15
UTICA-ROME	6,008	4,563	1,297	148	370	174	147	49	678	600	78	0
Counties												
ALBANY	7,618	5,178	2,197	243	300	129	137	34	838	655	176	7
ALLEGANY	708	569	124	15	58	33	19	6	63	60	3	0
BRONX	13,778	11,277	2,243	258	713	353	323	37	1,117	820	280	17
BROOME	4,129	2,861	1,149	119	235	90	104	41	499	380	116	3
CATTARAUGUS	1,557	1,187	331	39	114	55	40	19	154	143	11	0
CAYUGA	1,482	1,136	315	31	107	44	52	11	197	172	25	0
CHAUTAUQUA	3,023	2,273	676	74	263	115	109	39	313	277	36	0
CHEMUNG	1,811	1,271	484	56	106	38	48	20	181	145	34	2
CHENANGO	942	749	175	18	84	36	39	9	128	119	9	0
CLINTON	1,747	1,324	394	29	94	51	33	10	206	182	23	1
COLUMBIA	1,450	1,150	278	22	90	48	35	7	272	255	17	0
CORTLAND	927	691	211	25	71	36	26	9	98	85	12	1
DELAWARE	1,141	948	174	19	75	37	28	10	169	159	10	0
DUTCHESS	6,002	4,692	1,193	117	222	119	81	22	1,075	939	131	5
ERIE	20,223	14,425	5,203	595	1,290	570	570	150	2,350	1,988	350	12
ESSEX	1,159	991	154	14	69	55	12	2	141	131	9	1
FRANKLIN	964	815	136	13	57	43	10	4	115	110	5	0
FULTON	1,049	814	214	21	151	70	70	11	139	126	13	0
GENESEE	1,229	881	320	28	102	40	47	15	153	133	19	1
GREENE	1,132	954	166	12	47	24	20	3	214	202	11	1
HAMILTON	222	203	19	0	15	12	3	0	40	37	3	0
HERKIMER	1,077	861	198	18	83	33	39	11	120	112	8	0
JEFFERSON	2,221	1,695	490	36	95	48	36	11	303	262	35	6
KINGS (BROOKLYN)	34,168	28,101	5,588	479	2,929	1,438	1,365	126	2,861	2,312	535	14
LEWIS	477	403	65	9	43	27	7	9	52	46	6	0
LIVINGSTON	989	777	197	15	48	24	17	7	144	134	10	0
MADISON	1,228	979	229	20	67	33	27	7	172	162	10	0
MONROE	14,353	10,256	3,639	458	975	444	419	112	1,735	1,458	263	14
MONTGOMERY	1,062	836	193	33	82	31	32	19	112	102	10	0
NASSAU	45,495	37,239	7,533	723	2,065	1,211	743	111	4,329	3,758	548	23
NEW YORK (MANHATTAN)	107,186	83,834	20,855	2,497	8,170	4,730	3,132	308	2,120	1,453	605	62
NIAGARA	4,132	3,053	966	113	316	135	134	47	482	404	78	0
ONEIDA	4,931	3,702	1,099	130	287	141	108	38	558	488	70	0
ONONDAGA	10,735	7,537	2,888	310	572	263	247	62	1,355	1,076	266	13
ONTARIO	2,141	1,615	483	43	137	58	60	19	319	283	36	0
ORANGE	6,831	5,374	1,316	141	337	153	147	37	1,141	1,032	108	1
ORLEANS	637	502	124	11	46	26	14	6	77	71	6	0
OSWEGO	1,814	1,428	354	32	129	73	40	16	281	253	26	2
OTSEGO	1,344	1,081	240	23	72	39	26	7	164	150	14	0
PUTNAM	1,950	1,677	252	21	66	43	18	5	452	411	40	1
QUEENS	33,183	26,946	5,593	644	2,161	1,049	966	146	3,484	2,743	690	51
RENSSELAER	2,567	1,965	551	51	119	54	48	17	447	378	68	1
RICHMOND	6,110	5,063	948	99	140	92	42	6	1,022	888	131	3
ROCKLAND	7,078	5,789	1,172	117	290	167	96	27	922	815	106	1
ST. LAWRENCE	1,946	1,537	372	37	100	48	39	13	217	194	23	0
SARATOGA	3,193	2,466	678	49	157	83	55	19	570	491	78	1
SCHENECTADY	3,156	2,388	691	77	128	71	44	13	495	420	68	7
SCHOHARIE	517	413	97	7	32	20	10	2	73	67	6	0
SCHUYLER	285	234	45	6	21	13	4	4	36	29	7	0
SENECA	538	432	97	9	44	25	14	5	75	66	9	0
STEUBEN	1,673	1,286	353	34	91	52	24	15	139	120	19	0
SUFFOLK	35,672	28,796	6,294	582	2,562	1,382	1,008	172	5,587	4,905	665	17
SULLIVAN	1,997	1,687	285	25	77	51	25	1	369	339	30	0
TIOGA	612	472	131	9	48	23	20	5	89	83	6	0
TOMPKINS	1,962	1,455	469	38	100	57	36	7	238	208	29	1
ULSTER	3,943	3,136	754	53	218	118	83	17	615	556	59	0
WARREN	2,104	1,647	416	41	133	91	29	13	255	221	34	0
WASHINGTON	934	766	150	18	86	45	27	14	151	137	14	0
WAYNE	1,491	1,173	295	23	142	68	60	14	208	194	14	0
WESTCHESTER	28,898	23,733	4,658	507	1,155	617	439	99	3,267	2,796	447	24
WYOMING	694	533	148	13	50	21	21	8	96	85	11	0
YATES	418	342	71	5	25	17	5	3	47	45	2	0
STATEWIDE	8,013	6,736	1,140	137	270	249	20	1	1,195	987	193	15

1. For metropolitan area definitions, see page 22.

BUSINESS ESTABLISHMENTS, MARCH 1989

Area or County	Number of Reporting Units, Covered by Unemployment Insurance, by Employment Size Class											
	Transportation, Public Utilities, Finance, Insurance, Real Estate				Wholesale and Retail Trade				Services			
	Total	0-9	10-99	100 or more	Total	0-9	10-99	100 or more	Total	0-9	10-99	100 or more
NEW YORK STATE	61,917	49,444	10,961	1,512	147,550	111,901	33,528	2,121	163,652	136,119	24,100	3,433
NEW YORK CITY	32,916	26,628	5,440	848	60,035	48,140	11,216	679	71,738	59,936	10,126	1,676
REST OF STATE	29,001	22,816	5,521	664	87,515	63,761	22,312	1,442	91,914	76,183	13,974	1,757
Metropolitan Statistical Areas[1]												
ALBANY-SCHENECTADY-TROY	1,999	1,447	477	75	6,204	4,218	1,872	114	6,537	5,075	1,308	154
BINGHAMTON	488	354	121	13	1,686	1,084	571	31	1,602	1,238	329	35
BUFFALO-NIAGARA FALLS	2,662	1,974	613	75	8,452	5,474	2,782	196	8,176	6,397	1,551	228
ELMIRA	179	122	52	5	685	449	223	13	619	482	121	16
GLENS FALLS	284	231	48	5	1,043	773	260	10	998	842	140	16
NASSAU-SUFFOLK	8,744	7,145	1,424	175	25,817	20,050	5,361	406	28,562	24,360	3,803	399
NEW YORK, N.Y.	37,446	30,385	6,126	935	70,795	56,427	13,535	833	86,708	72,838	11,950	1,920
ORANGE COUNTY	705	565	114	26	2,198	1,590	566	42	2,167	1,789	343	35
POUGHKEEPSIE	643	501	129	13	1,811	1,306	475	30	2,002	1,608	348	46
ROCHESTER	1,993	1,529	405	59	6,371	4,156	2,079	136	6,748	5,328	1,242	178
SYRACUSE	1,519	1,080	383	56	4,797	3,188	1,512	97	4,520	3,503	909	108
UTICA-ROME	620	468	135	17	2,192	1,543	614	35	2,011	1,658	307	46
Counties												
ALBANY	962	649	262	51	2,525	1,552	916	57	2,832	2,057	681	94
ALLEGANY	78	63	15	0	277	216	59	2	202	172	23	7
BRONX	2,637	2,391	217	29	5,051	4,199	799	53	3,976	3,244	611	121
BROOME	434	309	112	13	1,475	939	505	31	1,415	1,083	301	31
CATTARAUGUS	166	124	41	1	617	453	158	6	447	359	75	13
CAYUGA	163	125	34	4	507	369	132	6	452	377	65	10
CHAUTAUQUA	331	256	69	6	1,042	749	283	10	957	775	163	19
CHEMUNG	179	122	52	5	685	449	223	13	619	482	121	16
CHENANGO	93	73	17	3	299	220	76	3	305	271	31	3
CLINTON	249	191	56	2	644	448	185	11	507	418	84	5
COLUMBIA	147	114	31	2	418	287	127	4	431	370	53	8
CORTLAND	90	72	17	1	341	222	114	5	303	256	38	9
DELAWARE	127	103	24	0	392	310	80	2	343	309	27	7
DUTCHESS	643	501	129	13	1,811	1,306	475	30	2,002	1,608	348	46
ERIE	2,224	1,634	525	65	6,932	4,424	2,341	167	6,924	5,375	1,348	201
ESSEX	114	95	19	0	387	323	63	1	411	354	48	9
FRANKLIN	114	101	13	0	326	254	71	1	326	282	36	8
FULTON	95	74	19	2	360	277	79	4	289	252	33	4
GENESEE	141	107	34	0	412	262	145	5	356	295	54	7
GREENE	102	75	26	1	358	294	62	2	372	326	41	5
HAMILTON	14	14	0	0	78	74	4	0	71	63	8	0
HERKIMER	108	84	23	1	411	318	92	1	334	296	33	5
JEFFERSON	305	233	66	6	796	553	236	7	667	553	108	6
KINGS (BROOKLYN)	5,304	4,729	527	48	11,755	9,877	1,782	96	10,242	8,733	1,314	195
LEWIS	82	75	7	0	172	141	31	0	117	106	11	0
LIVINGSTON	87	66	21	0	382	278	101	3	282	239	39	4
MADISON	140	115	25	0	434	314	113	7	369	318	45	6
MONROE	1,506	1,140	314	52	4,566	2,891	1,556	119	5,216	4,024	1,034	158
MONTGOMERY	118	89	25	4	392	307	79	6	337	291	42	4
NASSAU	5,448	4,433	905	110	14,442	11,244	2,971	227	17,386	14,884	2,250	252
NEW YORK (MANHATTAN)	18,588	14,129	3,819	640	30,347	23,479	6,499	369	45,455	37,771	6,569	1,115
NIAGARA	438	340	88	10	1,520	1,050	441	29	1,252	1,022	203	27
ONEIDA	512	384	112	16	1,781	1,225	522	34	1,677	1,362	274	41
ONONDAGA	1,190	822	314	54	3,708	2,394	1,228	86	3,647	2,755	798	94
ONTARIO	200	163	32	5	731	489	232	10	657	543	105	9
ORANGE	705	565	114	26	2,198	1,590	566	42	2,167	1,789	343	35
ORLEANS	68	53	13	2	211	150	61	0	174	155	16	3
OSWEGO	189	143	44	2	655	480	171	4	504	430	66	8
OTSEGO	153	119	30	4	450	330	117	3	459	401	49	9
PUTNAM	183	157	25	1	512	406	99	7	632	562	63	7
QUEENS	5,614	4,741	762	111	10,987	9,033	1,821	133	9,987	8,483	1,301	203
RENSSELAER	249	197	48	4	810	577	221	12	873	699	157	17
RICHMOND	773	638	115	20	1,895	1,552	315	28	2,078	1,705	331	42
ROCKLAND	780	644	118	18	2,220	1,751	439	30	2,568	2,129	399	40
ST. LAWRENCE	233	194	37	2	703	502	197	4	648	561	71	16
SARATOGA	291	231	55	5	1,087	757	317	13	975	806	158	11
SCHENECTADY	277	206	61	10	1,032	731	277	24	1,148	896	229	23
SCHOHARIE	70	55	15	0	186	137	47	2	135	118	14	3
SCHUYLER	26	22	4	0	110	85	24	1	80	74	5	1
SENECA	57	44	13	0	190	145	44	1	156	137	16	3
STEUBEN	200	142	56	2	632	467	158	7	560	462	88	10
SUFFOLK	3,296	2,712	519	65	11,375	8,806	2,390	179	11,176	9,476	1,553	147
SULLIVAN	201	162	35	4	612	477	131	4	653	577	60	16
TIOGA	54	45	9	0	211	145	66	0	187	155	28	4
TOMPKINS	211	155	53	3	613	394	210	9	748	599	134	15
ULSTER	405	317	81	7	1,263	936	317	10	1,251	1,054	179	18
WARREN	199	154	41	4	698	502	187	9	774	641	119	14
WASHINGTON	85	77	7	1	345	271	73	1	224	201	21	2
WAYNE	132	107	25	0	481	348	129	4	419	367	48	4
WESTCHESTER	3,567	2,956	543	68	8,028	6,130	1,781	117	11,770	10,211	1,362	197
WYOMING	70	50	19	1	264	195	67	2	174	155	17	2
YATES	44	30	14	0	148	115	33	0	126	112	12	2
STATEWIDE	656	533	115	8	3,260	2,702	490	68	1,828	1,539	247	42

1. For metropolitan area definitions, see page 22.

CIVILIAN LABOR FORCE, 1989 and 1988

Area or County	1989 Total Labor Force (000)	1989 Total Employment (000)	1989 Total Unemployment (000)	1989 Unemployment Rate (percent)	1988 Total Labor Force (000)	1988 Total Employment (000)	1988 Total Unemployment (000)	1988 Unemployment Rate (percent)
NEW YORK STATE	8,681.0	8,238.0	442.0	5.1	8,526.0	8,168.0	358.0	4.2
Major Labor Areas								
DOWNSTATE	5,409.9	5,136.2	273.7	5.1	5,342.5	5,125.4	217.1	4.1
NEW YORK CITY	3,290.7	3,100.7	190.0	5.8	3,232.3	3,080.4	151.9	4.7
BRONX COUNTY	462.1	429.6	32.4	7.0	451.5	426.8	24.7	5.5
KINGS COUNTY	936.6	872.8	62.8	6.7	917.6	867.1	50.5	5.5
NEW YORK COUNTY	790.9	751.2	39.7	5.0	779.6	746.3	33.3	4.3
QUEENS COUNTY	933.8	886.9	46.9	5.0	917.9	881.1	36.8	5.0
RICHMOND COUNTY	168.3	160.2	8.1	4.8	165.8	159.2	6.6	4.0
PUTNAM COUNTY	54.8	52.8	2.0	3.6	52.9	51.5	1.4	2.7
ROCKLAND COUNTY	151.9	146.5	5.4	3.6	146.7	142.6	4.1	2.8
WESTCHESTER COUNTY	478.0	460.5	17.6	3.7	480.3	466.5	13.8	2.9
NASSAU-SUFFOLK AREA	1,434.5	1,375.8	58.8	4.1	1,430.2	1,384.4	45.8	3.2
NASSAU COUNTY	756.9	729.8	27.1	3.6	755.9	734.4	21.6	2.9
SUFFOLK COUNTY	677.7	646.0	31.6	4.7	674.3	650.1	24.2	3.6
ALBANY-SCHENECTADY-TROY AREA	436.9	418.7	18.2	4.2	422.5	407.3	15.2	3.6
ALBANY COUNTY	155.2	150.3	5.0	3.2	150.2	146.2	4.1	2.7
GREENE COUNTY	19.2	18.1	1.1	5.7	18.6	17.6	0.9	5.1
MONTGOMERY COUNTY	26.8	24.7	2.2	8.1	26.1	24.0	2.1	8.0
RENSSELAER COUNTY	75.9	72.6	3.3	4.4	73.3	70.6	2.7	3.6
SARATOGA COUNTY	83.6	79.8	3.7	4.5	80.7	77.6	3.1	3.8
SCHENECTADY COUNTY	76.1	73.2	2.9	3.8	73.6	71.2	2.4	3.3
BINGHAMTON AREA	126.9	120.9	6.0	4.7	127.7	123.1	4.6	3.6
BROOME COUNTY	102.9	98.1	4.8	4.7	103.5	99.9	3.7	3.5
TIOGA COUNTY	24.0	22.8	1.2	4.9	24.1	23.2	0.9	3.9
BUFFALO-NIAGARA FALLS AREA	563.3	529.4	33.9	6.0	544.1	515.4	28.7	5.3
ERIE COUNTY	465.7	438.7	27.0	5.8	449.7	427.1	22.6	5.0
NIAGARA COUNTY	97.6	90.7	6.9	7.0	94.4	88.3	6.1	6.4
ELMIRA AREA (CHEMUNG CO.)	43.9	41.8	2.1	4.7	42.1	40.5	1.6	3.9
GLENS FALLS AREA	55.2	51.9	3.3	6.1	53.6	51.0	2.6	4.9
WARREN COUNTY	27.1	25.3	1.8	6.8	26.4	24.9	1.5	5.6
WASHINGTON COUNTY	28.1	26.6	1.5	5.4	27.3	26.1	1.1	4.2
ORANGE COUNTY AREA	138.3	131.4	6.9	5.0	133.5	128.6	4.9	3.7
POUGHKEEPSIE AREA (DUTCHESS CO.)	129.9	125.6	4.4	3.4	129.1	125.7	3.4	2.6
ROCHESTER AREA	513.3	491.8	21.5	4.2	502.8	483.9	18.9	3.8
LIVINGSTON COUNTY	29.3	27.8	1.4	4.9	28.7	27.4	1.3	4.5
MONROE COUNTY	372.4	358.9	13.5	3.6	364.8	353.1	11.8	3.2
ONTARIO COUNTY	48.0	45.6	2.4	5.1	47.1	44.9	2.2	4.7
ORLEANS COUNTY	19.9	18.4	1.5	7.5	19.5	18.1	1.3	6.9
WAYNE COUNTY	43.7	41.1	2.6	6.0	42.7	40.4	2.3	5.4
SYRACUSE AREA	322.7	307.4	15.3	4.7	316.0	302.0	14.0	4.4
MADISON COUNTY	31.4	29.7	1.7	5.5	30.8	29.2	1.6	5.2
ONONDAGA COUNTY	237.6	228.3	9.3	3.9	233.3	224.3	9.0	3.8
OSWEGO COUNTY	53.7	49.4	4.3	8.0	52.0	48.6	3.4	6.6
UTICA-ROME AREA	139.0	131.6	7.4	5.3	136.0	129.5	6.5	4.8
HERKIMER COUNTY	30.8	28.7	2.0	6.6	29.9	28.2	1.7	5.7
ONEIDA COUNTY	108.3	102.9	5.4	5.0	106.0	101.2	4.8	4.5
Counties Outside Major Labor Areas								
ALLEGANY	20.7	19.3	1.4	6.6	20.3	19.2	1.1	5.4
CATTARAUGUS	36.0	33.4	2.6	7.3	35.2	33.1	2.1	5.9
CAYUGA	37.0	34.6	2.4	6.4	34.9	33.0	2.0	5.6
CHAUTAUQUA	65.7	61.6	4.0	6.1	63.9	60.6	3.3	5.1
CHENANGO	22.8	21.4	1.4	6.1	22.5	21.4	1.0	4.6
CLINTON	35.4	32.8	2.6	7.3	34.5	32.4	2.1	6.2
COLUMBIA	30.1	28.8	1.2	4.1	30.3	29.4	0.9	3.0
CORTLAND	24.1	22.9	1.2	5.0	23.0	21.9	1.1	4.7
DELAWARE	20.4	19.3	1.1	5.4	19.6	18.7	0.8	4.2
ESSEX	17.6	16.2	1.4	8.0	17.2	16.1	1.1	6.6
FRANKLIN	22.4	20.2	2.2	9.6	21.2	19.5	1.6	7.8
FULTON	25.8	23.3	2.5	9.8	25.4	23.2	2.2	8.7
GENESEE	28.6	26.8	1.8	6.4	28.6	26.9	1.6	5.8
HAMILTON	3.1	2.8	0.3	10.4	2.9	2.7	0.2	8.6
JEFFERSON	47.6	43.4	4.2	8.8	45.0	41.8	3.2	7.1
LEWIS	10.4	9.5	1.0	9.1	10.1	9.3	0.7	7.1
OTSEGO	30.3	29.0	1.4	4.5	28.8	27.7	1.1	3.9
ST. LAWRENCE	45.7	41.3	4.5	9.8	43.4	40.0	3.3	7.7
SCHOHARIE	14.2	13.3	0.9	6.0	14.2	13.4	0.8	5.3
SCHUYLER	8.3	7.8	0.5	5.9	7.6	7.2	0.4	5.0
SENECA	13.3	12.5	0.8	6.2	13.0	12.3	0.7	5.0
STEUBEN	42.0	39.7	2.3	5.5	40.6	38.6	2.0	5.0
SULLIVAN	32.0	30.4	1.6	5.1	32.1	30.8	1.3	4.0
TOMPKINS	56.2	54.9	1.3	2.3	46.9	45.8	1.1	2.4
ULSTER	84.0	80.8	3.2	3.8	84.3	81.8	2.6	3.1
WYOMING	18.1	16.9	1.2	6.8	17.7	16.7	1.1	6.2
YATES	8.9	8.3	0.6	6.5	8.6	8.1	0.5	5.8

NOTE: Details may not add to totals, due to rounding.

CIVILIAN LABOR FORCE *Source:* United States Department of Labor; New York State Department of Labor.

Total Employment includes all employees in private and government employment, self-employed persons and unpaid family workers, by place of residence. *Total Unemployment* includes all persons who during the mid-week of the month were able to work, were available for work and were seeking work but were without employment during the entire survey week. *Total Labor Force* is the sum of total employment and total unemployment. The *Unemployment Rate* is total unemployment as a percentage of the civilian labor force.

PERSONAL INCOME, 1988 and 1987

Area or County	1988 Total (million dollars)	1988 Per Capita (dollars)	1987 Total (million dollars)	1987 Per Capita (dollars)
NEW YORK STATE	344,946.8	19,261	319,675.6	17,923
NEW YORK CITY	141,383.2	19,229	131,353.7	17,883
REST OF STATE	203,563.6	19,283	188,321.9	17,952
Metropolitan Statistical Areas[1]				
ALBANY-SCHENECTADY-TROY	14,718.4	17,299	13,590.6	16,118
BINGHAMTON	4,144.4	15,925	3,875.7	14,944
BUFFALO-NIAGARA FALLS	18,918.3	16,093	17,641.7	15,057
ELMIRA	1,327.3	14,471	1,228.9	13,542
GLENS FALLS	1,601.8	13,791	1,472.9	12,898
NASSAU-SUFFOLK	63,155.0	23,932	58,386.3	22,215
NEW YORK, N.Y.	174,735.6	20,396	162,018.0	18,935
ORANGE COUNTY	5,321.2	18,128	4,882.2	16,962
POUGHKEEPSIE	5,059.7	19,297	4,699.5	18,153
ROCHESTER	17,910.1	18,273	16,477.3	16,915
SYRACUSE	10,396.4	15,987	9,696.6	15,028
UTICA-ROME	4,489.5	14,362	4,200.1	13,422
Counties				
ALBANY	5,387.7	19,086	4,993.4	17,650
ALLEGANY	557.7	11,037	518.3	10,389
BRONX	16,228.7	13,266	15,080.1	12,332
BROOME	3,422.2	16,413	3,195.6	15,341
CATTARAUGUS	1,006.2	11,993	943.4	11,257
CAYUGA	1,060.7	13,252	994.0	12,500
CHAUTAUQUA	1,917.8	13,569	1,799.8	12,722
CHEMUNG	1,327.3	14,471	1,228.9	13,542
CHENANGO	681.8	13,302	627.8	12,390
CLINTON	1,016.0	12,390	965.5	11,838
COLUMBIA	1,068.9	17,507	986.6	16,254
CORTLAND	600.8	12,549	556.7	11,643
DELAWARE	578.2	12,169	533.9	11,344
DUTCHESS	5,059.7	19,297	4,699.5	18,153
ERIE	15,666.6	16,342	14,591.8	15,257
ESSEX	486.1	13,293	450.4	12,419
FRANKLIN	537.0	12,338	491.2	11,353
FULTON	748.7	13,888	698.6	12,994
GENESEE	912.8	15,568	836.8	14,373
GREENE	630.9	14,633	584.6	13,830
HAMILTON	73.7	14,912	68.4	13,964
HERKIMER	834.1	12,446	784.6	11,776
JEFFERSON	1,454.0	14,376	1,258.6	13,221
KINGS (BROOKLYN)	33,662.7	14,546	31,359.3	13,556
LEWIS	285.1	10,787	265.8	10,392
LIVINGSTON	862.9	14,538	803.8	13,677
MADISON	931.1	13,864	864.9	12,997
MONROE	13,635.5	19,472	12,546.2	17,996
MONTGOMERY	726.4	14,051	678.1	13,196
NASSAU	35,153.5	26,669	32,463.8	24,628
NEW YORK (MANHATTAN)	48,392.3	32,049	44,804.2	29,832
NIAGARA	3,251.6	14,989	3,049.9	14,168
ONEIDA	3,655.4	14,886	3,415.5	13,867
ONONDAGA	7,909.5	17,137	7,344.1	16,000
ONTARIO	1,510.6	16,424	1,378.6	15,092
ORANGE	5,321.2	18,128	4,882.2	16,962
ORLEANS	564.1	14,155	513.7	13,105
OSWEGO	1,555.8	12,796	1,487.6	12,428
OTSEGO	805.1	13,423	752.4	12,654
PUTNAM	1,954.2	23,363	1,769.7	21,552
QUEENS	35,338.7	18,356	32,938.4	17,068
RENSSELAER	2,383.4	15,755	2,196.0	14,581
RICHMOND	7,760.9	20,424	7,171.7	19,016
ROCKLAND	6,211.4	23,369	5,703.7	21,508
ST. LAWRENCE	1,218.8	11,003	1,167.7	10,580
SARATOGA	2,912.0	16,878	2,630.5	15,748
SCHENECTADY	2,678.0	17,865	2,508.0	16,835
SCHOHARIE	385.2	12,746	355.4	11,897
SCHUYLER	216.6	12,496	201.7	11,649
SENECA	483.3	15,025	450.9	14,002
STEUBEN	1,283.0	13,076	1,187.7	12,231
SUFFOLK	28,001.4	21,200	25,922.5	19,787
SULLIVAN	1,084.8	15,138	1,000.4	14,222
TIOGA	722.2	13,958	680.1	13,325
TOMPKINS	1,205.4	13,568	1,115.1	12,727
ULSTER	2,730.7	16,358	2,556.8	15,451
WARREN	896.2	15,696	814.2	14,507
WASHINGTON	705.6	11,948	658.7	11,344
WAYNE	1,337.0	15,076	1,235.0	14,089
WESTCHESTER	25,186.7	29,124	23,190.9	26,828
WYOMING	507.3	12,098	474.9	11,386
YATES	263.6	12,185	246.8	11,604

1. For metropolitan area definitions, see page 22.

NOTE: Details may not add to totals, due to rounding.
See page 22 for notes on PERSONAL INCOME.

POPULATION ESTIMATES, 1988, 1987 and 1980

Area or County	July 1, 1988	July 1, 1987	April 1, 1980 (Census)	Percent Change 1980 to 1988
NEW YORK STATE	17,909,420	17,835,566	17,558,165	+2.0
NEW YORK CITY	7,352,697	7,345,003	7,071,639	+4.0
REST OF STATE	10,556,723	10,490,563	10,486,526	+0.7
Metropolitan Statistical Areas[1]				
ALBANY-SCHENECTADY-TROY	850,834	843,186	835,880	+1.8
BINGHAMTON	260,242	259,346	263,460	-1.2
BUFFALO-NIAGARA FALLS	1,175,592	1,171,637	1,242,826	-5.4
ELMIRA	91,718	90,749	97,656	-6.1
GLENS FALLS	116,148	114,193	109,649	+5.9
NASSAU-SUFFOLK	2,638,951	2,628,267	2,605,813	+1.3
NEW YORK, N.Y.	8,566,950	8,556,752	8,274,961	+3.5
ORANGE COUNTY	293,526	287,836	259,603	+13.1
POUGHKEEPSIE	262,206	258,883	245,055	+7.0
ROCHESTER	980,140	974,135	971,230	+0.9
SYRACUSE	650,285	645,241	642,971	+1.1
UTICA-ROME	312,588	312,925	320,180	-2.4
Counties				
ALBANY	282,292	282,915	285,909	-1.3
ALLEGANY	50,532	49,889	51,742	-2.3
BRONX	1,223,366	1,222,832	1,168,972	+4.7
BROOME	208,503	208,302	213,648	-2.4
CATTARAUGUS	83,896	83,810	85,697	-2.1
CAYUGA	80,038	79,519	79,894	+0.2
CHAUTAUQUA	141,336	141,473	146,925	-3.8
CHEMUNG	91,718	90,749	97,656	-6.1
CHENANGO	51,252	50,669	49,344	+3.9
CLINTON	82,007	81,557	80,750	+1.6
COLUMBIA	61,056	60,701	59,487	+2.6
CORTLAND	47,879	47,813	48,820	-1.9
DELAWARE	47,512	47,065	46,824	+1.5
DUTCHESS	262,206	258,883	245,055	+7.0
ERIE	958,664	956,373	1,015,472	-5.6
ESSEX	36,568	36,270	36,176	+1.1
FRANKLIN	43,525	43,269	44,929	-3.1
FULTON	53,908	53,765	55,153	-2.3
GENESEE	58,634	58,217	59,400	-1.3
GREENE	43,114	42,271	40,861	+5.5
HAMILTON	4,943	4,901	5,034	-1.8
HERKIMER	67,019	66,630	66,714	+0.5
JEFFERSON	101,141	95,200	88,151	+14.7
KINGS	2,314,263	2,313,317	2,231,028	+3.7
LEWIS	26,427	25,579	25,035	+5.6
LIVINGSTON	59,352	58,771	57,006	+4.1
MADISON	67,162	66,548	65,150	+3.1
MONROE	700,272	697,158	702,238	-0.3
MONTGOMERY	51,701	51,385	53,439	-3.3
NASSAU	1,318,119	1,318,159	1,321,582	-0.3
NEW YORK	1,509,944	1,501,867	1,428,285	+5.7
NIAGARA	216,928	215,264	227,354	-4.6
ONEIDA	245,569	246,295	253,466	-3.1
ONONDAGA	461,535	459,000	463,920	-0.5
ONTARIO	91,980	91,346	88,909	+3.5
ORANGE	293,526	287,836	259,603	+13.1
ORLEANS	39,849	39,201	38,496	+3.5
OSWEGO	121,588	119,693	113,901	+6.7
OTSEGO	59,979	59,457	59,075	+1.5
PUTNAM	83,647	82,114	77,193	+8.4
QUEENS	1,925,133	1,929,851	1,891,325	+1.8
RENSSELAER	151,278	150,601	151,966	-0.5
RICHMOND	379,991	377,136	352,029	+7.9
ROCKLAND	265,791	265,192	259,530	+2.4
ST. LAWRENCE	110,771	110,363	114,347	-3.1
SARATOGA	172,551	167,038	153,759	+12.2
SCHENECTADY	149,898	148,976	149,946	-0.0
SCHOHARIE	30,220	29,870	29,710	+1.7
SCHUYLER	17,330	17,317	17,686	-2.0
SENECA	32,167	32,203	33,733	-4.6
STEUBEN	98,121	97,104	99,217	-1.1
SUFFOLK	1,320,832	1,310,108	1,284,231	+2.9
SULLIVAN	71,662	70,346	65,155	+10.0
TIOGA	51,739	51,044	49,812	+3.9
TOMPKINS	88,842	87,616	87,085	+2.0
ULSTER	166,932	165,479	158,158	+5.5
WARREN	57,097	56,127	54,854	+4.1
WASHINGTON	59,051	58,066	54,795	+7.8
WAYNE	88,687	87,659	84,581	+4.9
WESTCHESTER	864,815	864,443	866,599	-0.2
WYOMING	41,929	41,709	39,895	+5.1
YATES	21,633	21,266	21,459	+0.8

1. For metropolitan area definitions, see page 22.

SOURCE: United States Bureau of the Census.

MISCELLANEOUS

Area or County	High School Graduates, 1989	Bank Deposits, June 30, 1988		Motor Vehicle Registrations, 1989		
		Total ($000)	IPC ($000)	Passenger	Commercial	Other
NEW YORK STATE	216,648	352,142,123	311,669,873	8,485,390	1,211,544	937,837
NEW YORK CITY	52,672	228,381,002	196,658,646	1,819,705	102,534	112,390
Metropolitan Statistical Areas[1]						
ALBANY-SCHENECTADY-TROY	9,746	8,647,274	7,399,391	506,865	107,702	78,542
BINGHAMTON	3,266	2,056,927	1,866,352	155,629	35,275	23,207
BUFFALO-NIAGARA FALLS	14,223	13,591,255	12,870,067	666,444	110,347	82,673
ELMIRA	1,099	675,160	592,252	49,973	11,793	8,596
GLENS FALLS	1,578	949,267	836,479	64,569	22,442	12,870
NASSAU-SUFFOLK	35,262	40,146,123	37,953,977	1,913,265	155,201	131,868
NEW YORK, N.Y.	67,053	248,619,534	215,776,463	2,723,142	171,359	199,435
ORANGE COUNTY	3,621	2,482,012	2,187,033	184,943	34,174	20,105
POUGHKEEPSIE	3,066	1,847,668	1,694,919	176,088	28,102	18,516
ROCHESTER	11,533	11,749,874	10,980,407	591,349	118,191	88,647
SYRACUSE	7,545	6,416,612	5,978,837	362,151	83,070	58,854
UTICA-ROME	3,843	2,998,139	2,755,475	171,190	41,581	27,825
Counties						
ALBANY	2,903	4,564,128	3,584,447	162,709	31,129	23,010
ALLEGANY	652	266,795	230,062	22,637	8,450	4,858
BRONX	8,609	7,835,132	7,769,887	257,670	10,529	11,512
BROOME	2,575	1,815,470	1,651,014	126,364	26,452	17,720
CATTARAUGUS	1,272	597,032	536,580	39,962	13,685	7,872
CAYUGA	918	667,231	627,809	40,672	13,261	8,410
CHAUTAUQUA	1,830	1,036,475	970,401	73,067	20,430	14,136
CHEMUNG	1,099	675,160	592,252	49,973	11,793	8,596
CHENANGO	756	366,931	338,422	27,733	9,951	6,016
CLINTON	968	481,888	428,829	40,515	13,208	8,743
COLUMBIA	714	637,854	598,559	38,623	10,423	6,199
CORTLAND	585	392,067	361,540	24,413	9,005	5,221
DELAWARE	582	377,343	335,344	29,288	10,479	5,533
DUTCHESS	3,066	1,847,668	1,694,919	176,088	28,102	18,516
ERIE	11,656	11,459,817	10,843,564	540,996	85,055	62,622
ESSEX	410	196,029	168,928	19,764	8,068	5,039
FRANKLIN	714	290,710	254,282	22,096	8,661	4,637
FULTON	667	360,152	322,130	29,997	8,715	6,539
GENESEE	841	387,082	344,903	33,221	11,051	6,958
GREENE	447	461,568	425,189	29,673	7,864	4,822
HAMILTON	56	28,139	21,596	3,223	1,556	976
HERKIMER	901	515,981	457,128	34,525	10,450	6,566
JEFFERSON	1,173	857,466	749,581	51,078	18,003	10,822
KINGS (BROOKLYN)	16,252	22,647,626	22,559,960	461,907	30,026	23,736
LEWIS	369	146,072	121,750	12,138	6,705	2,888
LIVINGSTON	703	365,954	323,209	32,068	10,863	7,214
MADISON	884	445,810	409,313	35,162	11,524	7,735
MONROE	7,780	10,150,168	9,543,160	434,284	66,959	52,189
MONTGOMERY	623	483,400	461,601	29,252	7,435	6,065
NASSAU	16,195	26,145,037	25,104,232	954,769	46,004	47,904
NEW YORK (MANHATTAN)	10,112	175,611,096	144,220,192	194,558	19,021	18,035
NIAGARA	2,567	2,131,438	2,026,503	125,448	25,292	20,051
ONEIDA	2,942	2,482,158	2,298,347	136,665	31,131	21,259
ONONDAGA	5,104	5,323,835	4,974,390	265,454	49,939	36,075
ONTARIO	1,300	552,654	492,241	53,025	16,327	11,579
ORANGE	3,621	2,482,012	2,187,033	184,943	34,174	20,105
ORLEANS	571	225,903	206,555	21,541	7,328	4,959
OSWEGO	1,557	646,967	595,134	61,535	21,607	15,044
OTSEGO	611	508,564	462,834	31,917	10,161	6,064
PUTNAM	927	551,250	490,187	65,985	6,328	5,458
QUEENS	13,798	18,958,791	18,815,194	699,114	37,257	50,595
RENSSELAER	1,918	1,316,686	1,249,330	84,050	19,862	12,347
RICHMOND	3,901	3,328,357	3,293,413	206,456	5,701	8,512
ROCKLAND	3,674	2,912,662	2,658,136	187,413	10,658	10,420
ST. LAWRENCE	1,504	628,264	553,463	50,539	19,094	13,037
SARATOGA	2,362	887,237	806,952	105,743	24,549	19,129
SCHENECTADY	1,493	934,255	871,872	95,438	16,863	13,169
SCHOHARIE	414	223,634	209,429	17,487	6,067	3,791
SCHUYLER	196	79,433	69,742	9,386	3,742	2,530
SENECA	390	223,241	189,244	18,161	5,967	4,863
STEUBEN	1,428	614,719	541,931	53,087	16,321	11,424
SUFFOLK	19,067	14,001,086	12,849,745	958,496	109,197	83,964
SULLIVAN	655	553,316	486,372	45,619	11,164	7,593
TIOGA	691	241,457	215,338	29,265	8,823	5,487
TOMPKINS	795	460,391	406,255	44,829	10,514	6,694
ULSTER	1,713	1,141,649	1,054,982	108,253	24,268	14,644
WARREN	796	634,082	549,917	34,637	11,039	6,380
WASHINGTON	782	315,185	286,562	29,932	11,403	6,490
WAYNE	1,179	455,195	409,242	50,431	16,714	12,706
WESTCHESTER	9,780	16,774,620	15,969,494	650,039	51,839	71,167
WYOMING	409	318,681	282,449	20,230	8,469	5,064
YATES	263	121,120	110,804	11,445	4,625	3,023

See page 22 for MISCELLANEOUS table notes.

1. For metropolitan area definitions, see page 22.

METROPOLITAN STATISTICAL AREAS

Area	*Definition*
Albany-Schenectady-Troy	Albany, Greene, Montgomery, Rensselaer, Saratoga and Schenectady counties
Binghamton	Broome and Tioga counties
Buffalo-Niagara Falls	Erie and Niagara counties
Elmira	Chemung County
Glens Falls	Warren and Washington counties
Nassau-Suffolk	Nassau and Suffolk counties
New York	New York City plus Putnam, Rockland and Westchester counties
Orange County	Orange County
Poughkeepsie	Dutchess County
Rochester	Livingston, Monroe, Ontario, Orleans and Wayne counties
Syracuse	Madison, Onondaga and Oswego counties
Utica-Rome	Herkimer and Oneida counties

PERSONAL INCOME *Source:* United States Department of Commerce.

Total personal income consists of private and government salary payments (both cash and in kind) before deductions for income and other direct personal taxes, but after deductions for social insurance programs. Also included are receipts from other labor income, farm and nonfarm proprietor's income; interest, net rents, dividends and transfer payments.

Per-capita income is obtained by dividing total personal income by population estimates, provided by the U.S. Bureau of the Census.

Research bulletins, which contain detailed information on personal income, are prepared annually by the New York State Department of Economic Development.

MISCELLANEOUS *Source:* New York State Department of Education; Federal Deposit Insurance Corporation. *Data Book, Operating Banks and Branches, June 30, 1988;* New York State Department of Motor Vehicles.

High School Graduates, 1989 are all public parochial and other private school pupils receiving diplomas during that school year. This includes those who received a diploma after attending evening or summer sessions, and those who graduated in February, as well as regular June graduates. Also included in the total are 33,928 persons who passed high school equivalency tests. ***Bank Deposits, June 30, 1988*** include IPC (individuals partnerships and corporations) in all commercial banks and *Time* deposits, which include savings and other time deposits of these groups in commercial banks plus savings deposits in all savings banks; governmental and interbank deposits are included in these totals. Deposits of branch banks are included in the county of the branch. The New York State total ***Motor Vehicle Registrations, 1989*** is larger than the sum of the county figures because it includes vehicles owned by out-of-state residents; county and area totals have been adjusted to a by-resident basis. *Commercial* motor vehicles are trucks only. *Other* motor vehicles include buses, taxis, ambulances, trailers, farm vehicles, mopeds, rental cars and motorcycles. The total is based on when registration fees were paid, rather than on when they were due. The distributions beween *Commercial* and *Other* are partially estimated.

New York State Department of Economic Development

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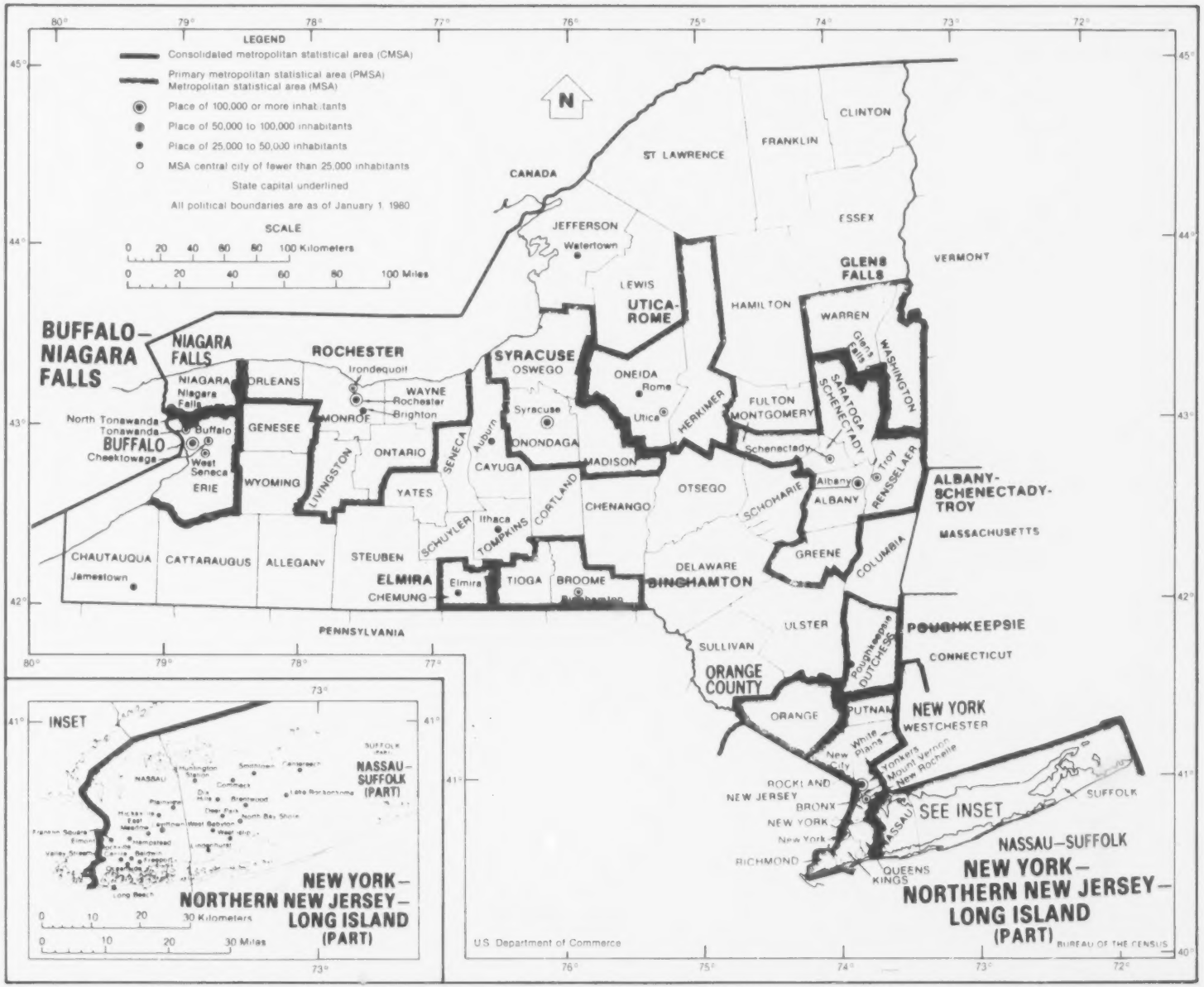
NEW YORK · Consolidated Metropolitan Statistical Areas, Primary Metropolitan Statistical Areas, Metropolitan Statistical Areas, Counties, and Selected Places



CMSA, PMSA, and MSA boundaries are as defined on June 30, 1983

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